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Water Levels in Observation Wells In Nebraska, 1963

Philip A. Emery

University of Nebraska - Lincoln

Mildred M. Malhoit

University of Nebraska - Lincoln

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Water Levels in Observation Wells in Nebraska

1963

PHILIP A. EMERY AND MILDRED M. MALHOIT

Geological Survey
United States Department of Interior

NEBRASKA WATER SURVEY PAPER
NUMBER 14

Prepared in cooperation with the Conservation
and Survey Division, University of Nebraska

April 1964

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As defined by law, the duties of the Conservation and Survey Division of the University are to survey and describe the geology, topography, natural resources, industries, and conservation problems of Nebraska and serve as a factual Information Bureau relating to the conservation and development of the State's resources. The Division is authorized to cooperate with federal agencies actively engaged in these particular fields.

WATER LEVELS IN OBSERVATION WELLS
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WATER LEVELS IN OBSERVATION WELLS IN NEBRASKA IN 1963

By Philip A. Emery and Mildred M. Malhoit

INTRODUCTION

A ground-water reservoir consists of saturated rock materials sufficiently permeable that water can move through them by gravity and can be withdrawn by wells. Water enters ground-water reservoirs by downward percolation from the land surface and moves laterally within the reservoir toward areas of discharge.

The amount of water stored in ground-water reservoirs differs from time to time owing to ever-changing conditions of recharge and discharge. Fluctuations of water levels in wells indicate changes in the amount of water stored. By measuring water levels in wells periodically, it is possible to estimate the amount of ground water in storage; and by plotting water-level fluctuations against time, it is possible to determine trends in ground-water levels and the adequacy of future water supplies.

Where little or no ground water is being pumped, the position of water levels in wells is governed by natural recharge to and discharge from the ground-water reservoir; where much ground water is being pumped, water levels adjust to reflect effects of pumping. Records of water-level fluctuations in wells are of most value in a program of ground-water appraisal if measurements have been made for several years.

New wells are continually being added to the program; however, water levels in most of the observation wells in Nebraska have been measured for more than 10 years, and some have been measured since 1934. By comparing recent measurements with past measurements, it is possible to make more reliable predictions of future water levels.

Water-level measurements are given in this report in feet below land-surface datum at well sites. Land-surface datum is a datum plane that is approximately at land surface at each well. Water levels above land-surface datum are preceded by a plus (+) sign, whereas those below have no sign but are understood to be minus (-). The expression "land-surface datum" is abbreviated "lsd" in tables of this report.

The altitude above mean sea level (msl) of the land-surface datum at many well sites is included in tables.

Lowercase letters in the table of water-level measurements indicate the following: b, well pumped recently; c, nearby well being pumped; d, nearby well pumped recently; f, dry; g, measured by outside agency; h, tape measurement.

Twenty-four observation wells in Nebraska are equipped with recording gages. Each recording gage produces a continuous graph of water-level fluctuations in the well; however, only the lowest measurement for one day (usually the last) of each month is given in this report.

SCOPE OF THE WATER-LEVEL PROGRAM

Ground-water investigations in Nebraska are under the general direction of O. M. Hackett, chief of the Ground Water Branch of the U.S. Geological Survey; C. F. Keech, district engineer, Ground Water Branch, U.S. Geological Survey; and E. C. Reed, State Geologist and Director of the Conservation and Survey Division of the University of Nebraska.

The observation-well program in Nebraska, begun in 1934 in cooperation with the Conservation and Survey Division of the University of Nebraska, was continued in 1963. Since 1945, water levels in many wells have been observed periodically as part of the Missouri River basin development program of the United States Department of the Interior. Many of the measurements in this report have been collected as part of that program.

Other water-level measurements not listed in this report are kept in open file pending publication in other reports. The locations of the 844 observation wells for which measurements are included in this report are shown in figures 1 to 12.

Most of the measurements in observation wells were made by J. W. Nelson of the U.S. Geological Survey and G. R. Svoboda of the Conservation and Survey Division of the University of Nebraska.

The following organizations cooperated informally in the measurement program: Midstate Reclamation District; U.S. Bureau of Reclamation; U.S. Fish and Wildlife Service; State Department of Water Resources; State Department of Roads; and Department of Public Works and Utilities, City of Lincoln.

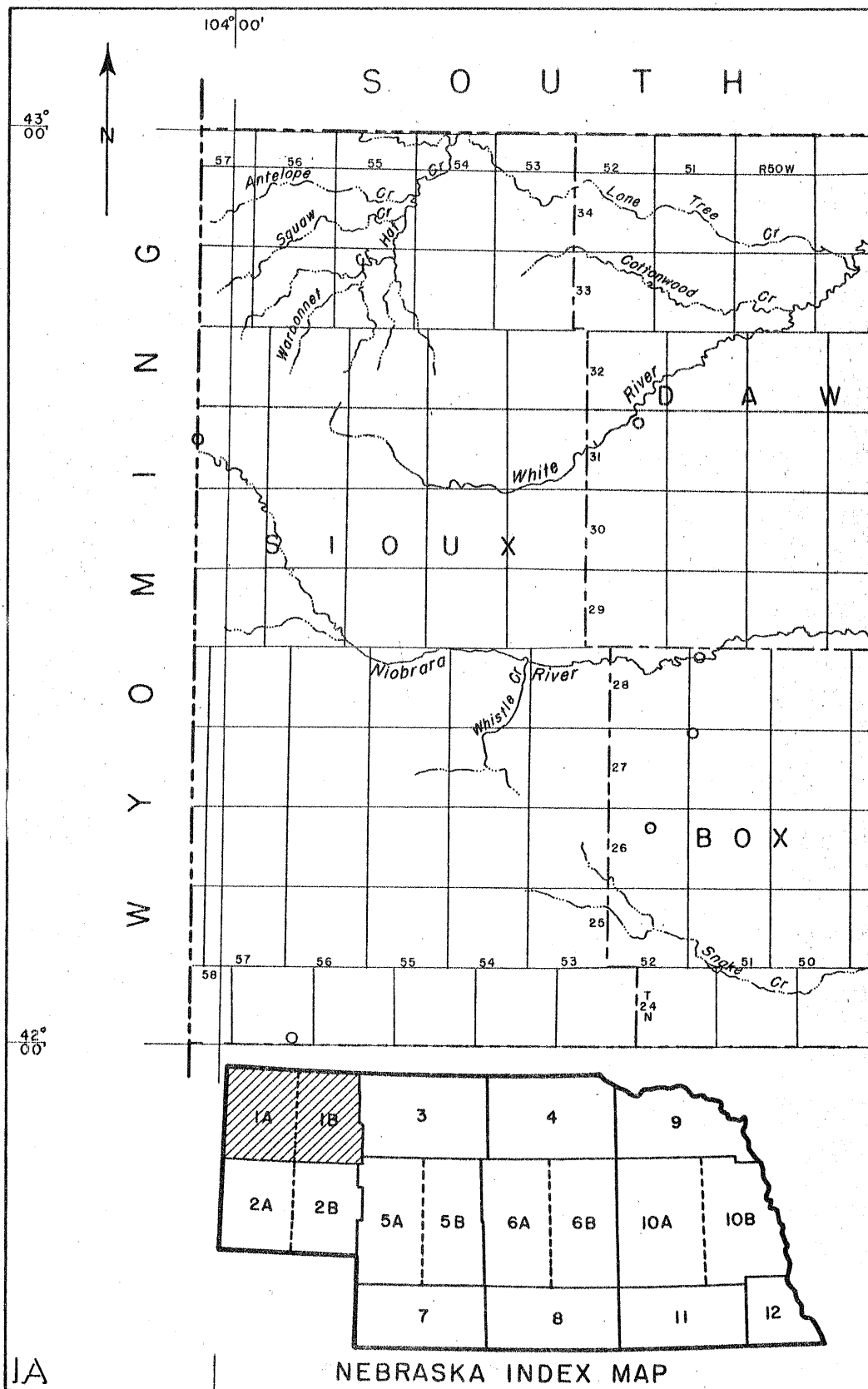


Figure 1.--Section 1A of map of Nebraska showing observation wells.

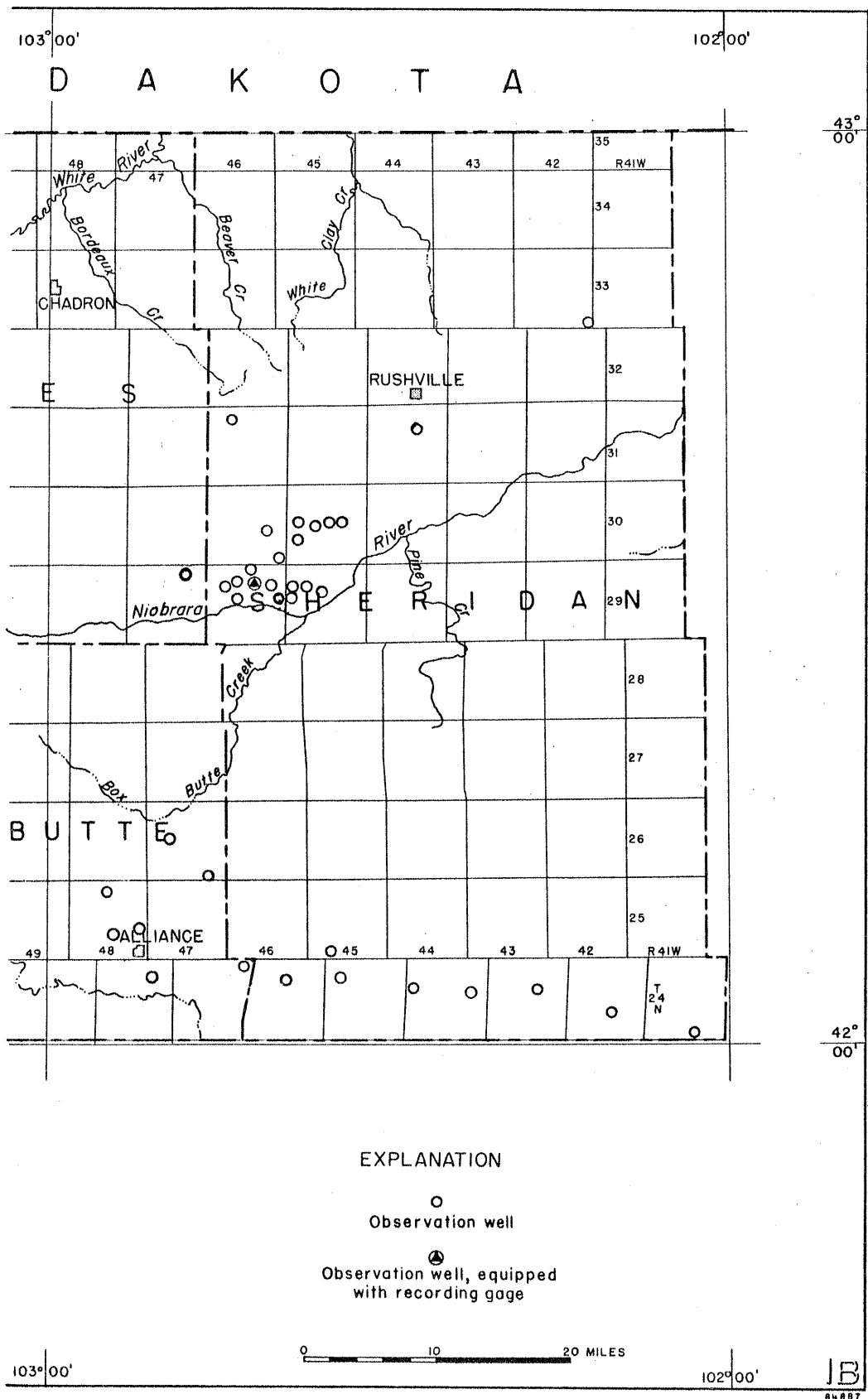


Figure 1.--Section 1B of map of Nebraska showing observation wells.

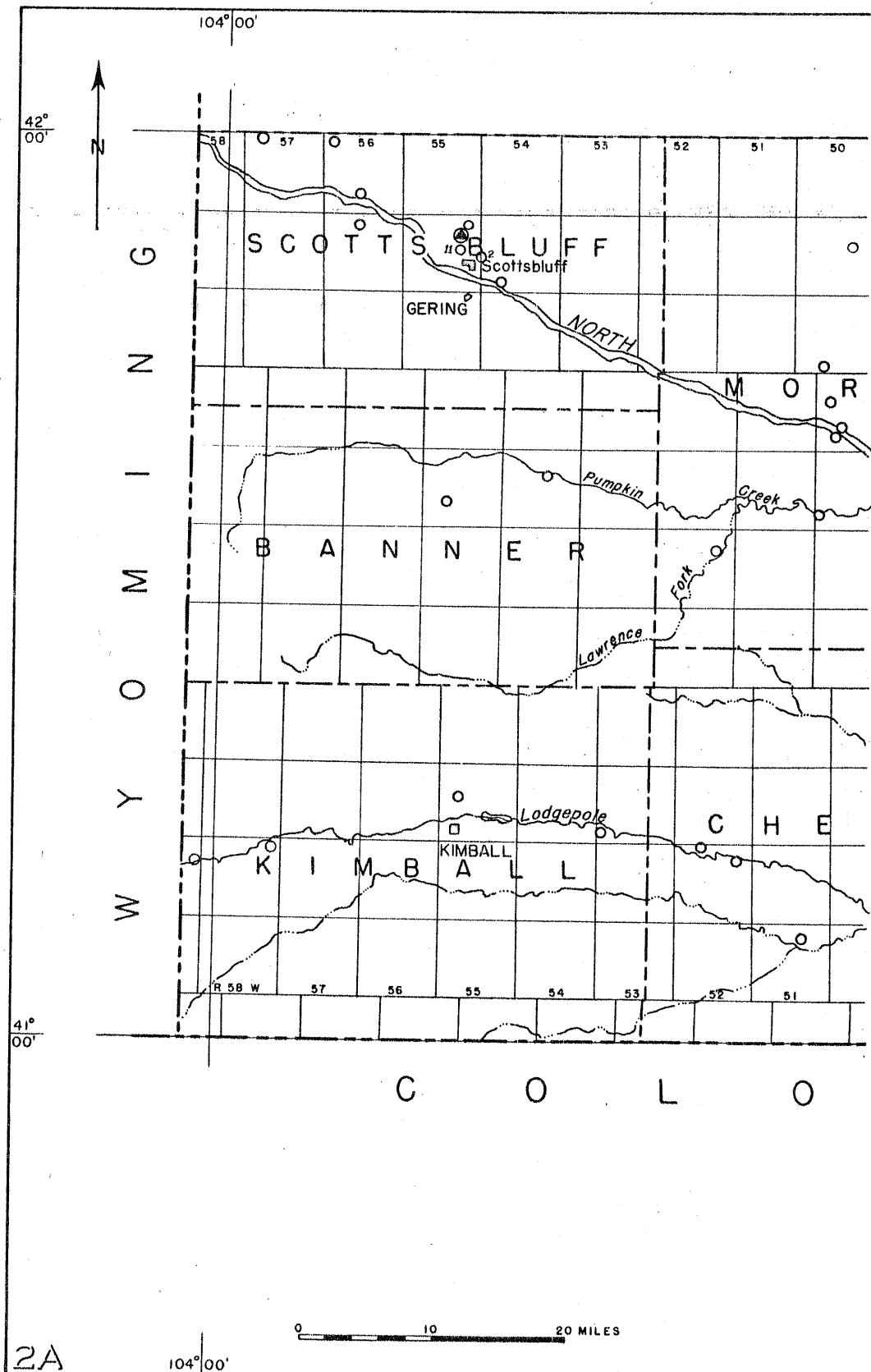


Figure 2.--Section 2A of map of Nebraska showing observation wells.

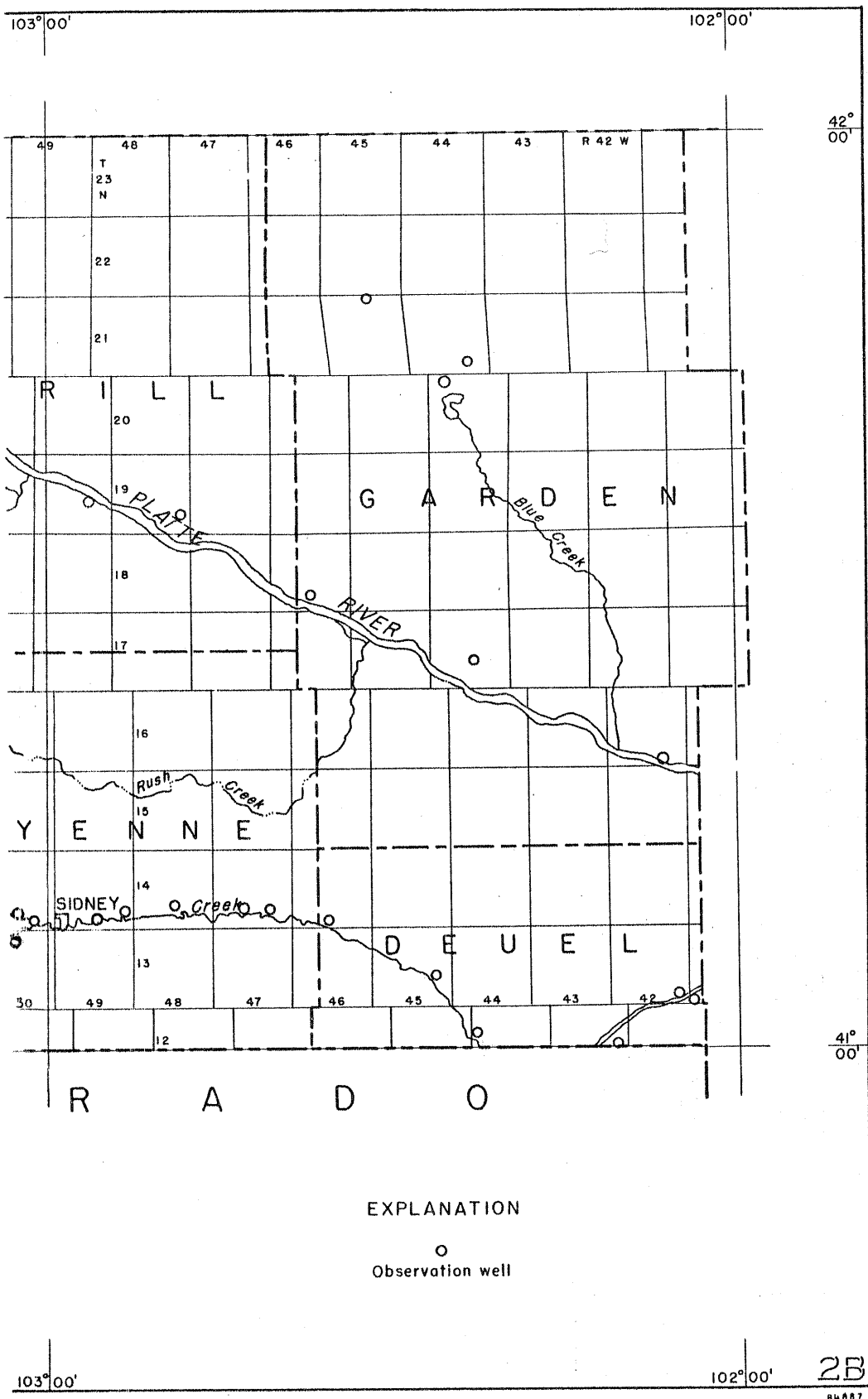


Figure 2.--Section 2B of map of Nebraska showing observation wells.

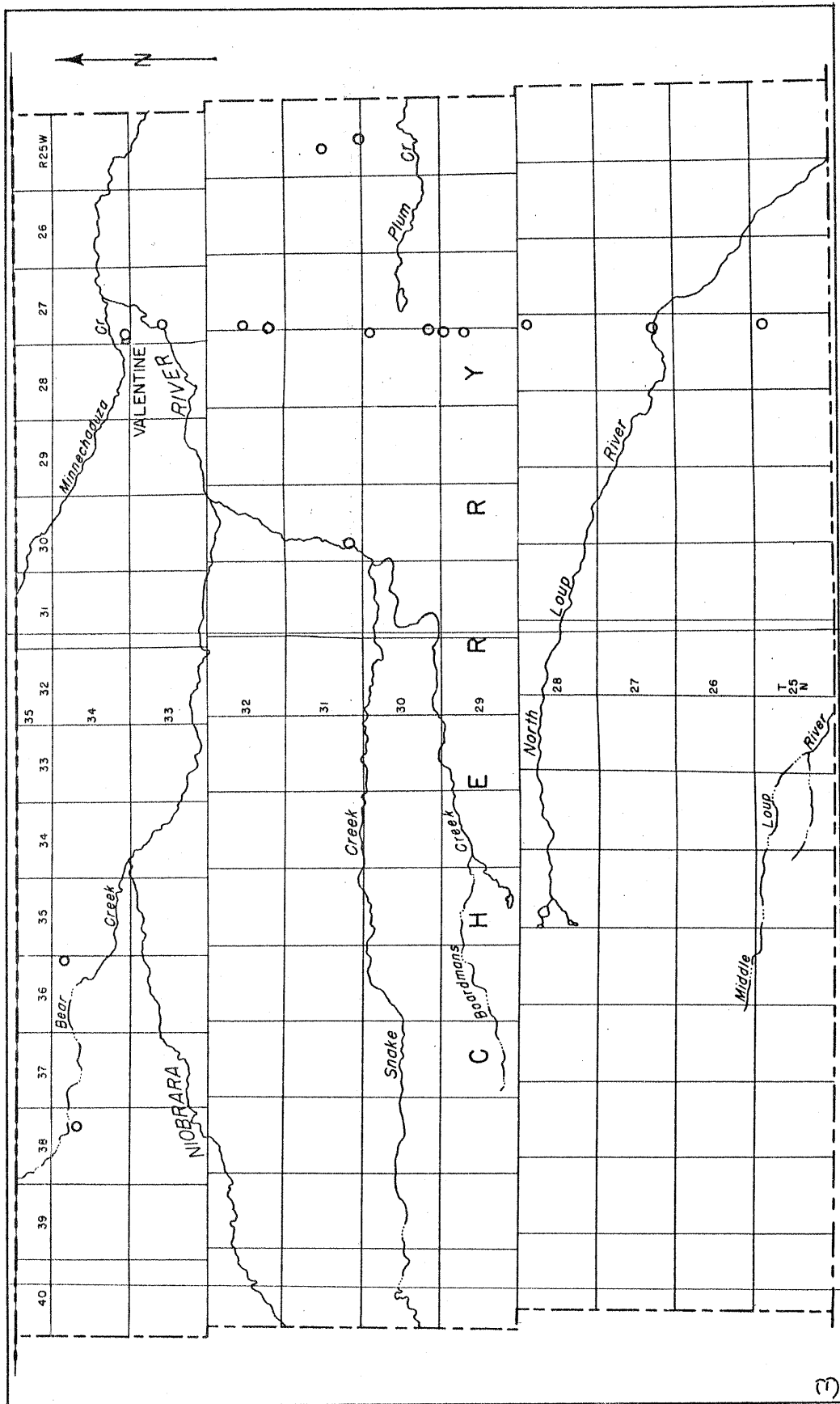


Figure 3.--Section 3 of map of Nebraska showing observation wells.

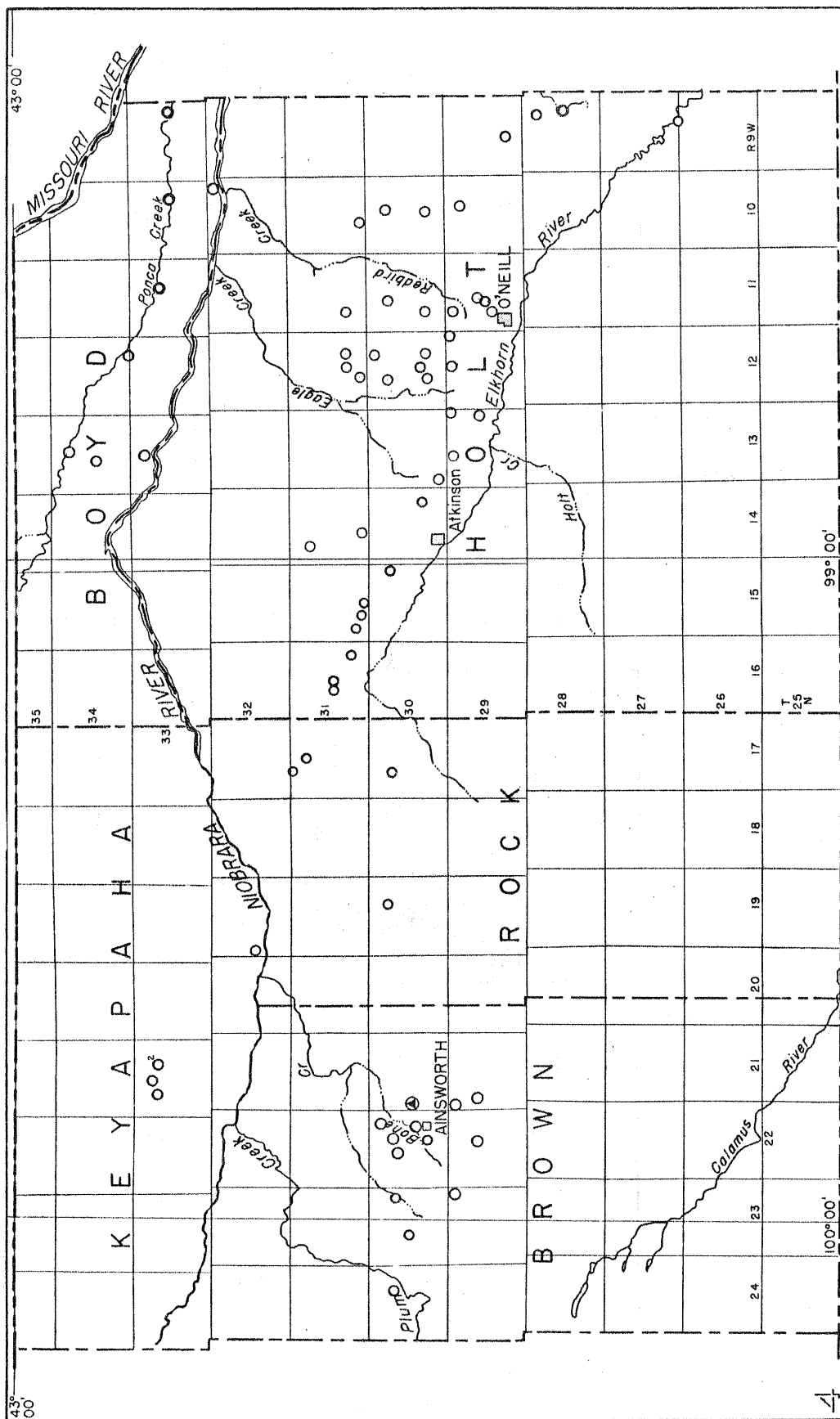


Figure 4.--Section 4 of map of Nebraska showing observation wells.

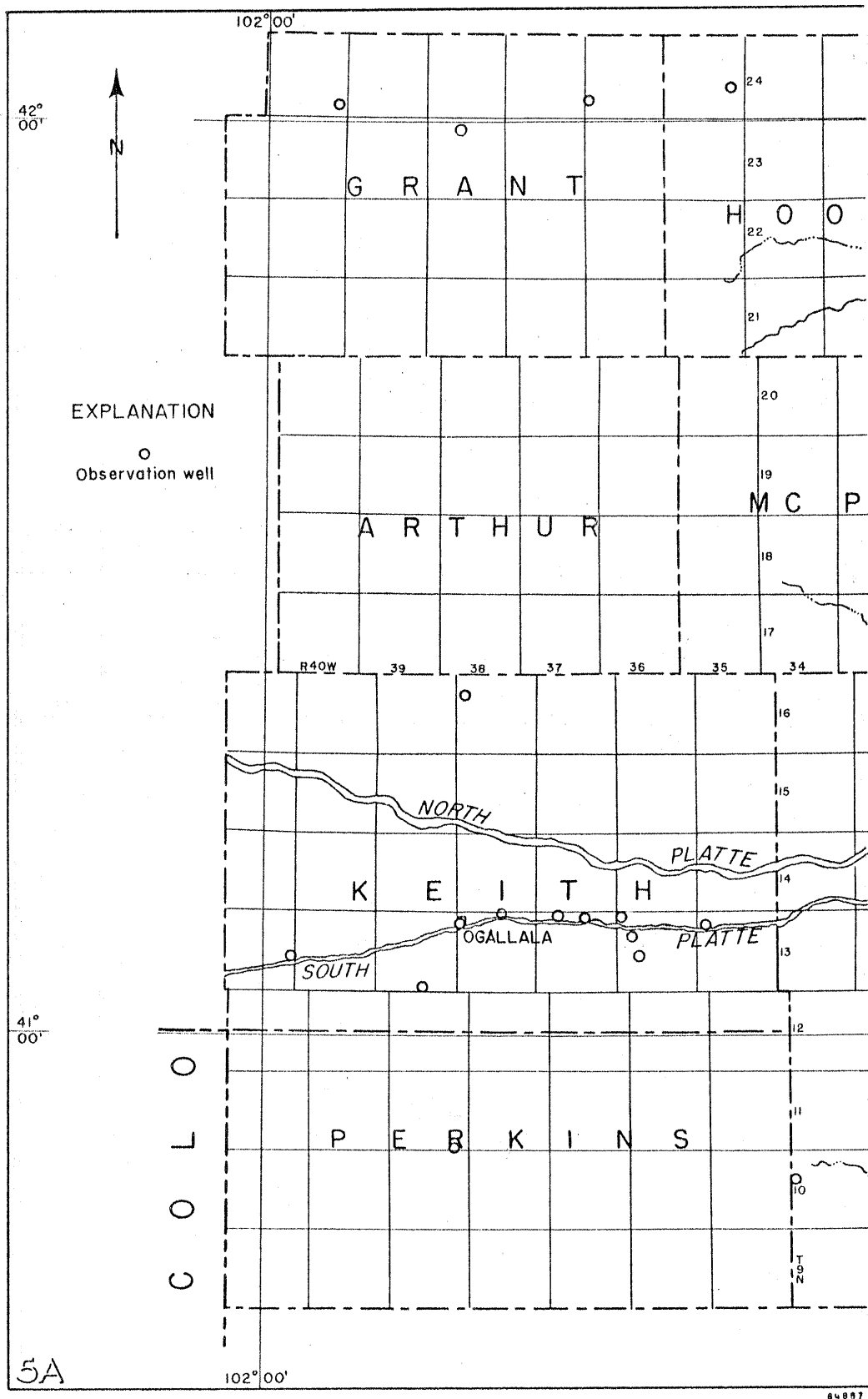


Figure 5.--Section 5A of map of Nebraska showing observation wells.

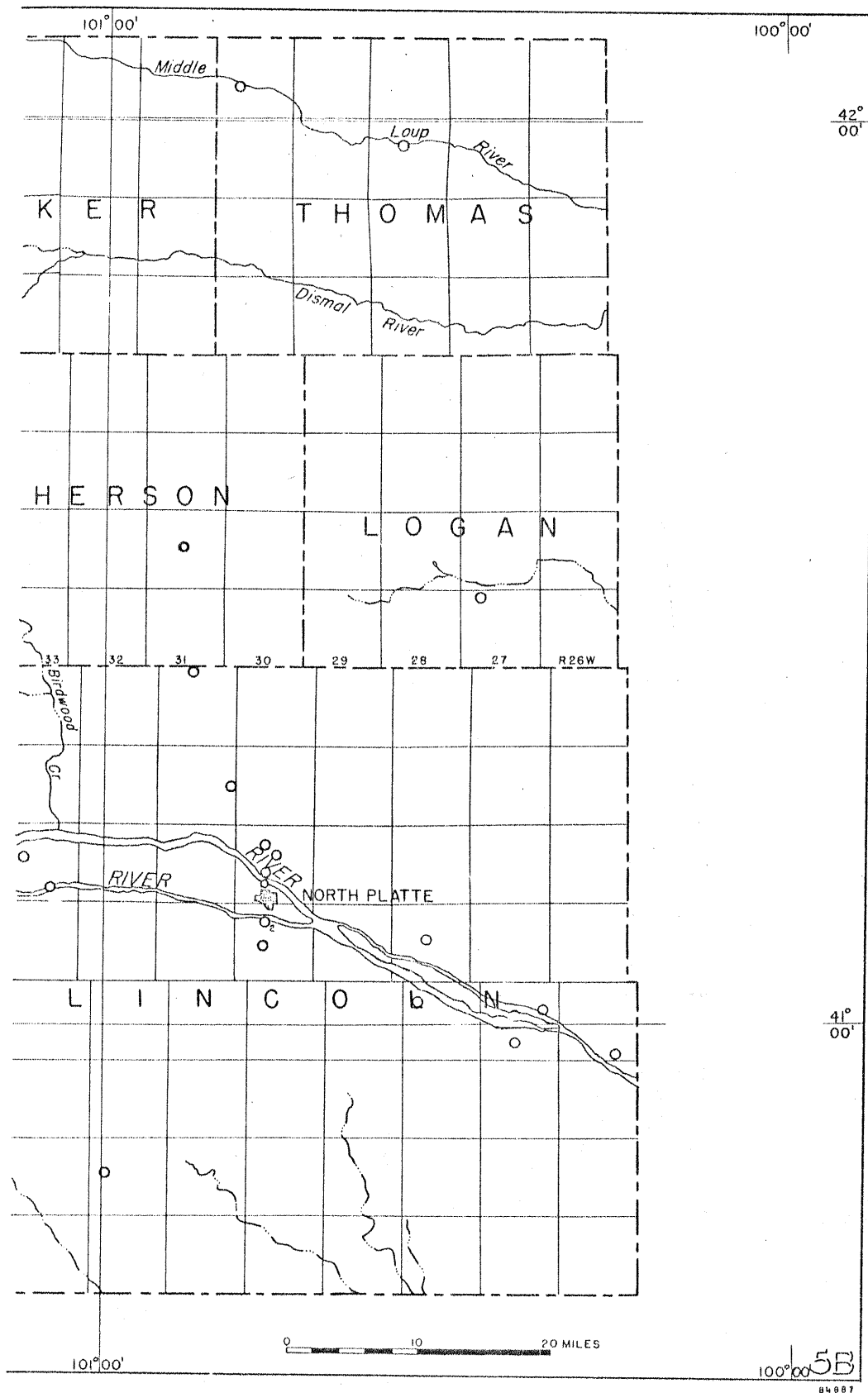


Figure 5.--Section 5B of map of Nebraska showing observation wells.

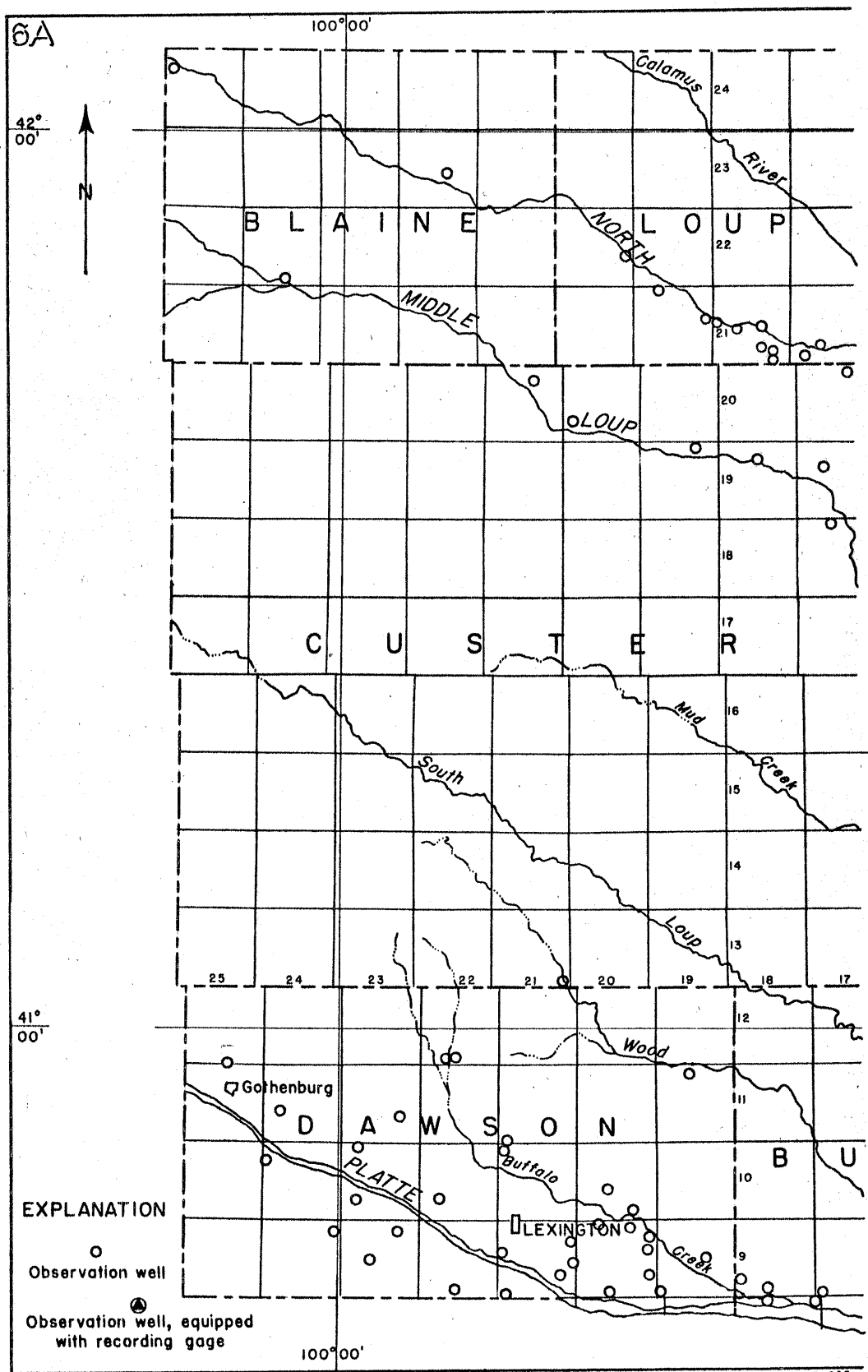


Figure 6.--Section 6A of map of Nebraska showing observation wells.

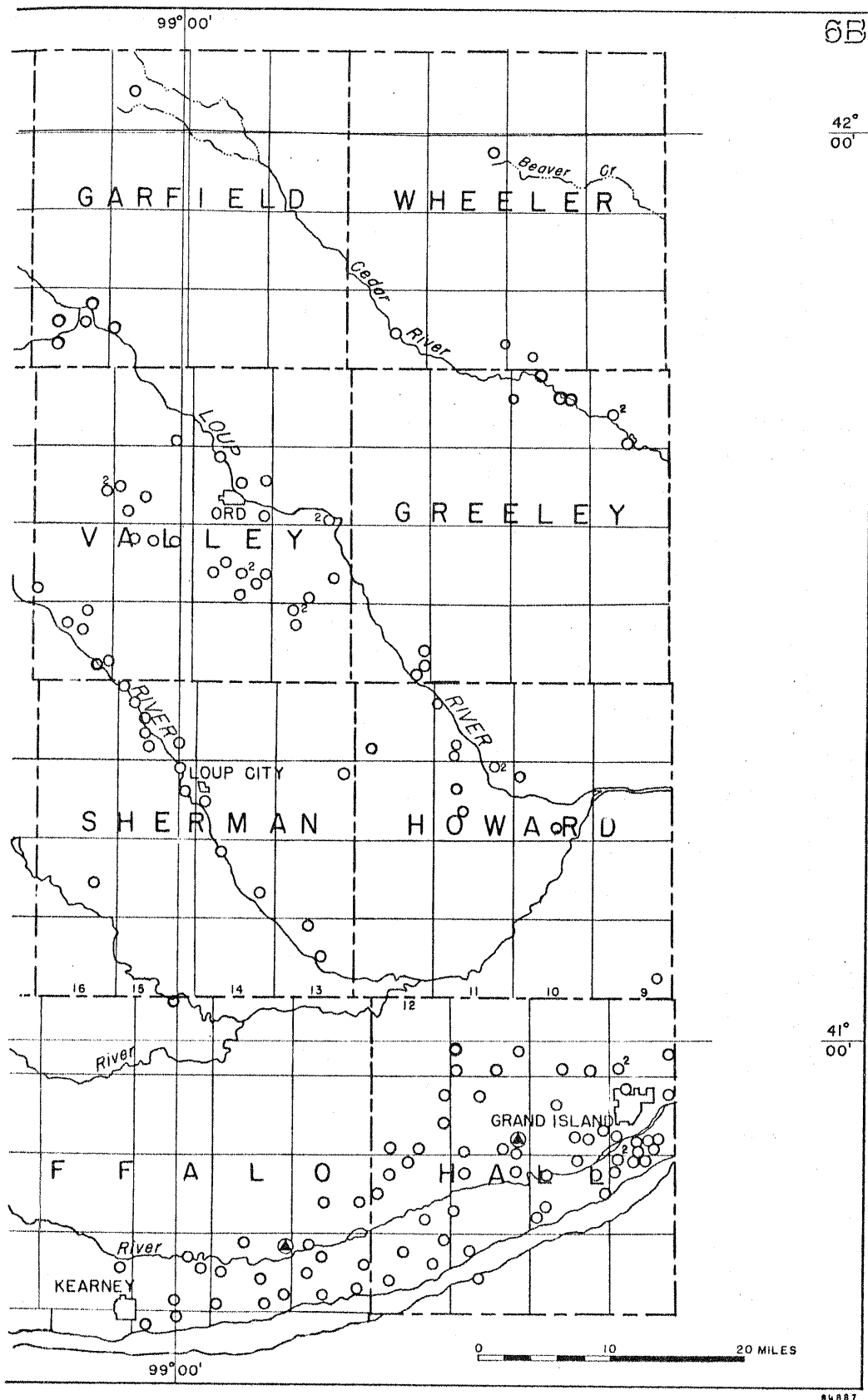


Figure 6.--Section 6B of map of Nebraska showing observation wells.

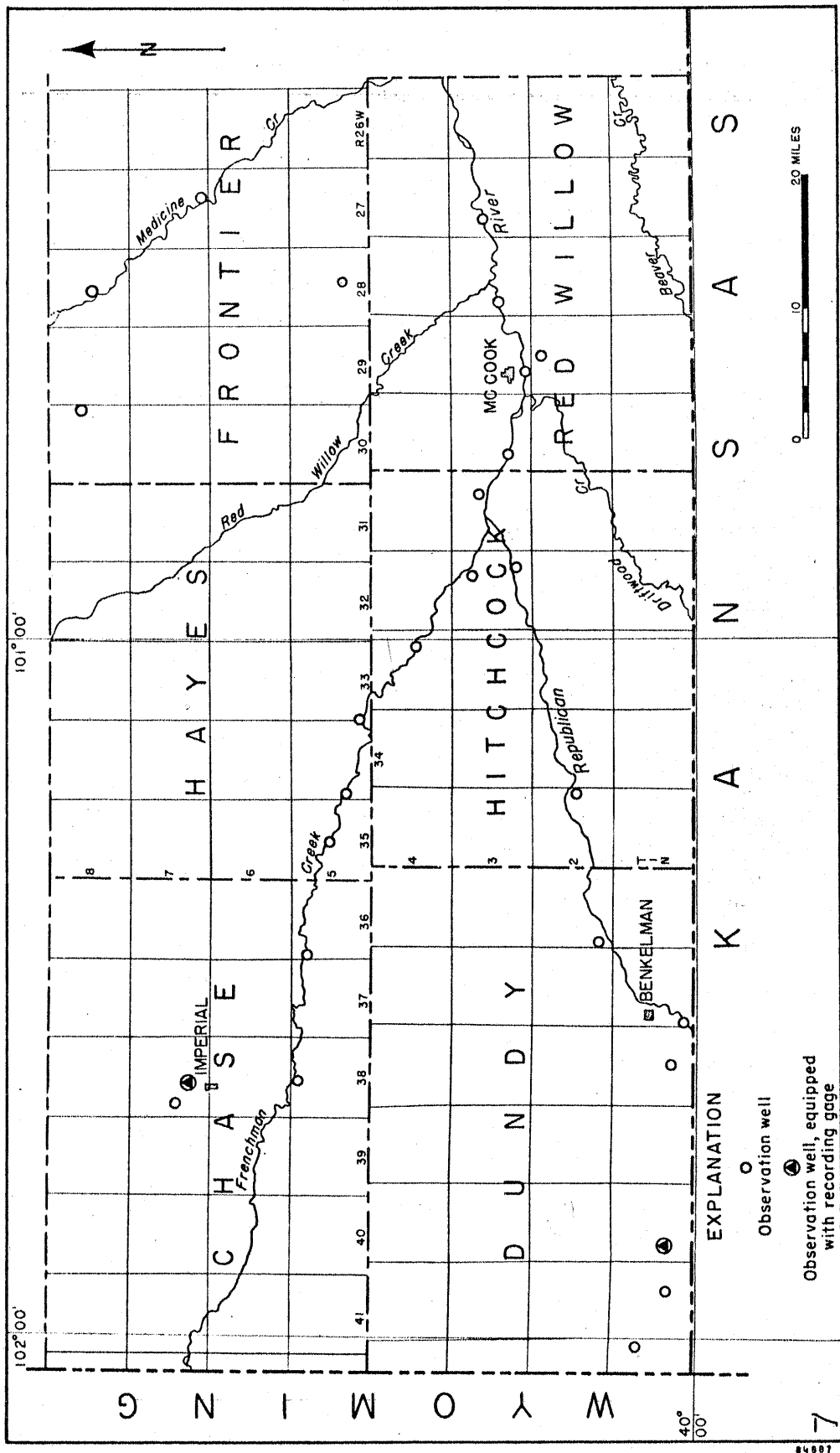


Figure 7.--Section 7 of map of Nebraska showing observation wells.

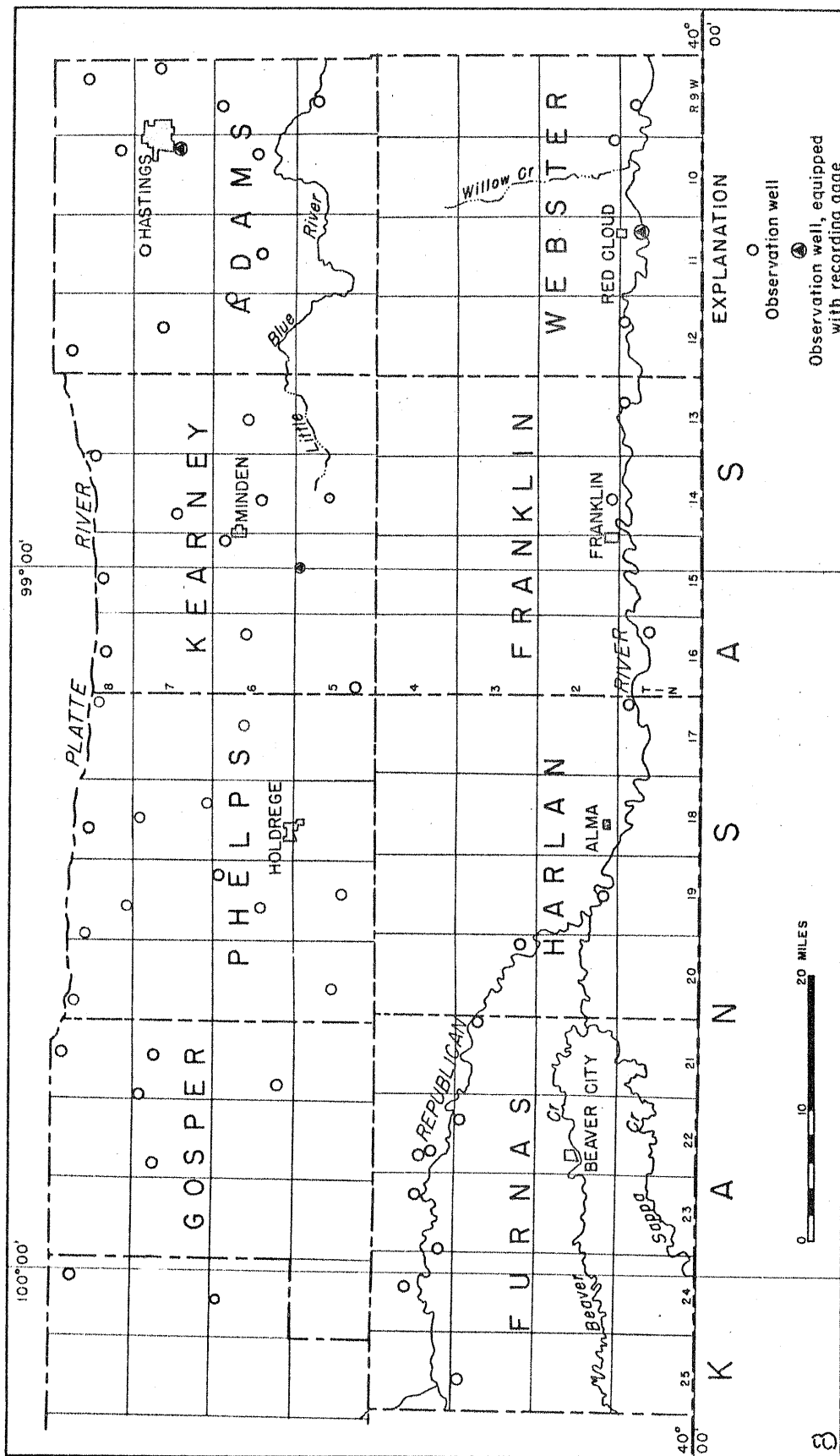


Figure 8.--Section 8 of map of Nebraska showing observation wells.

The number of observation wells by counties and the pages on which the records appear in this report are given in the following table:

| County | Number of wells | Page |
|----------------|--------------------|------|
| Adams..... | 12 | 47 |
| Antelope..... | 6 | 48 |
| Banner..... | 2 | 49 |
| Blaine..... | 3 | 49 |
| Boone..... | 24 | 50 |
| Box Butte..... | 10 | 53 |
| Boyd..... | 8 | 54 |
| Brown..... | 13 | 56 |
| Buffalo..... | 26 | 58 |
| Butler..... | 5 | 61 |
| Burt..... | 1 | 62 |
| Cass..... | 1 | 62 |
| Cedar..... | 1 | 63 |
| Chase..... | 4 | 63 |
| Cherry..... | 16 | 64 |
| Cheyenne..... | 11 | 66 |
| Clay..... | 5 | 67 |
| Colfax..... | 7 | 68 |
| Cuming..... | 6 | 68 |
| Custer..... | 8 | 69 |
| Dawes..... | 2 | 71 |
| Dawson..... | 31 | 71 |
| Deuel..... | 6 | 75 |
| Dodge..... | 13 | 75 |
| Dundy..... | 6 | 77 |
| Fillmore..... | 10 | 78 |
| Franklin..... | 3 | 79 |
| Frontier..... | 6 | 80 |
| Furnas..... | 8 | 80 |
| Gage..... | 2 | 82 |
| Garden..... | 6 | 82 |
| Garfield..... | 6 | 83 |
| Gosper..... | 5 | 84 |
| Grant..... | 3 | 84 |
| Greeley..... | 10 | 85 |
| Hall..... | 53 | 86 |
| Hamilton..... | 8 | 92 |
| Harlan..... | 3 | 93 |
| Hayes..... | 3 | 94 |
| Hitchcock..... | 5 | 94 |
| Holt..... | 39 | 96 |
| Hooker..... | 1 | 101 |
| Howard..... | 11 | 101 |
| Jefferson..... | 2 | 103 |
| Johnson..... | 1 | 103 |

| County | Number of wells | Page |
|------------------|--------------------|------|
| Kearney..... | 11 | 103 |
| Keith..... | 12 | 104 |
| Keya Paha..... | 4 | 106 |
| Kimball..... | 4 | 107 |
| Knox..... | 6 | 108 |
| Lancaster..... | 18 | 109 |
| Lincoln..... | 18 | 111 |
| Logan..... | 1 | 113 |
| Loup..... | 11 | 113 |
| Madison..... | 4 | 114 |
| McPherson..... | 1 | 115 |
| Merrick..... | 76 | 115 |
| Morrill..... | 9 | 123 |
| Nance..... | 45 | 125 |
| Nemaha..... | 1 | 130 |
| Nuckolls..... | 6 | 130 |
| Otoe..... | 2 | 131 |
| Pawnee..... | 1 | 132 |
| Perkins..... | 1 | 132 |
| Phelps..... | 12 | 132 |
| Pierce..... | 3 | 133 |
| Platte..... | 8 | 134 |
| Polk..... | 13 | 135 |
| Redwillow..... | 5 | 136 |
| Richardson..... | 1 | 137 |
| Rock..... | 4 | 137 |
| Saline..... | 2 | 138 |
| Sarpy..... | 1 | 138 |
| Saunders..... | 12 | 139 |
| Scotts Bluff.... | 20 | 140 |
| Seward..... | 7 | 145 |
| Sheridan..... | 29 | 146 |
| Sherman..... | 15 | 151 |
| Sioux..... | 2 | 153 |
| Stanton..... | 6 | 154 |
| Thayer..... | 2 | 155 |
| Thomas..... | 2 | 155 |
| Thurston..... | 2 | 155 |
| Valley..... | 33 | 156 |
| Washington..... | 1 | 160 |
| Wayne..... | 1 | 160 |
| Webster..... | 4 | 160 |
| Wheeler..... | 4 | 161 |
| York..... | 12 | 161 |
| TOTAL..... | | 844 |

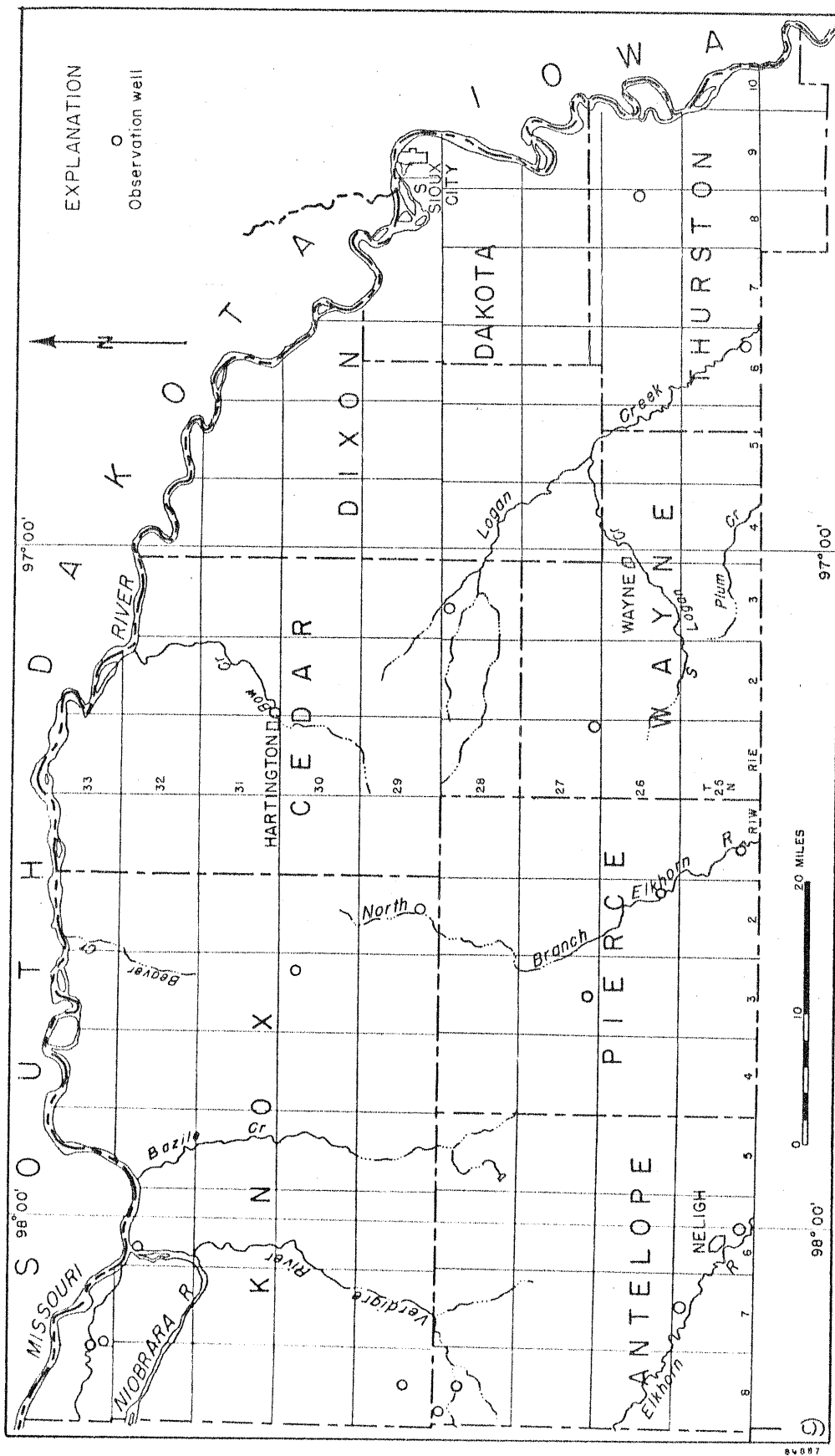


Figure 9.--Section 9 of map of Nebraska showing observation wells.

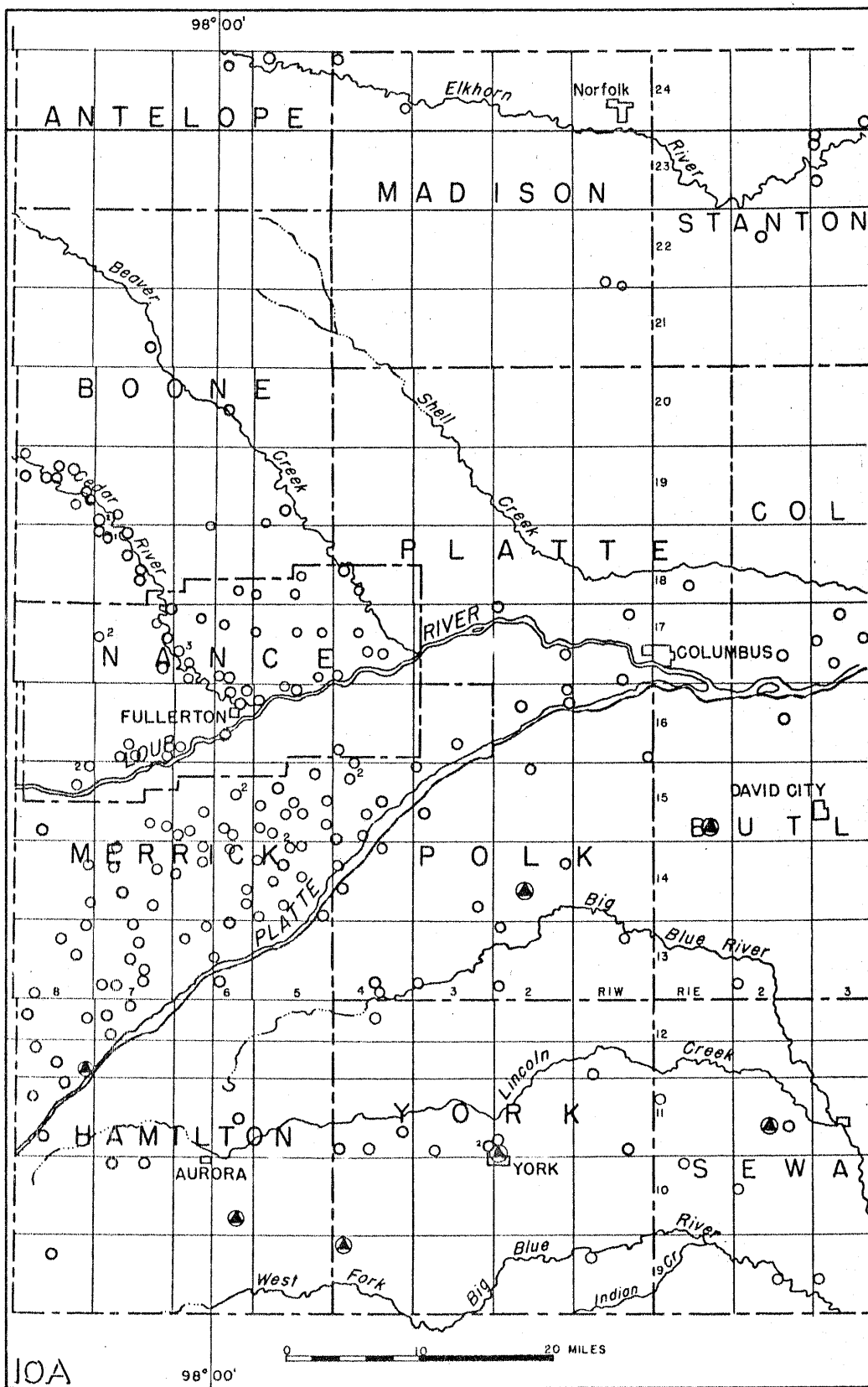


Figure 10.--Section 10A of map of Nebraska showing observation wells.

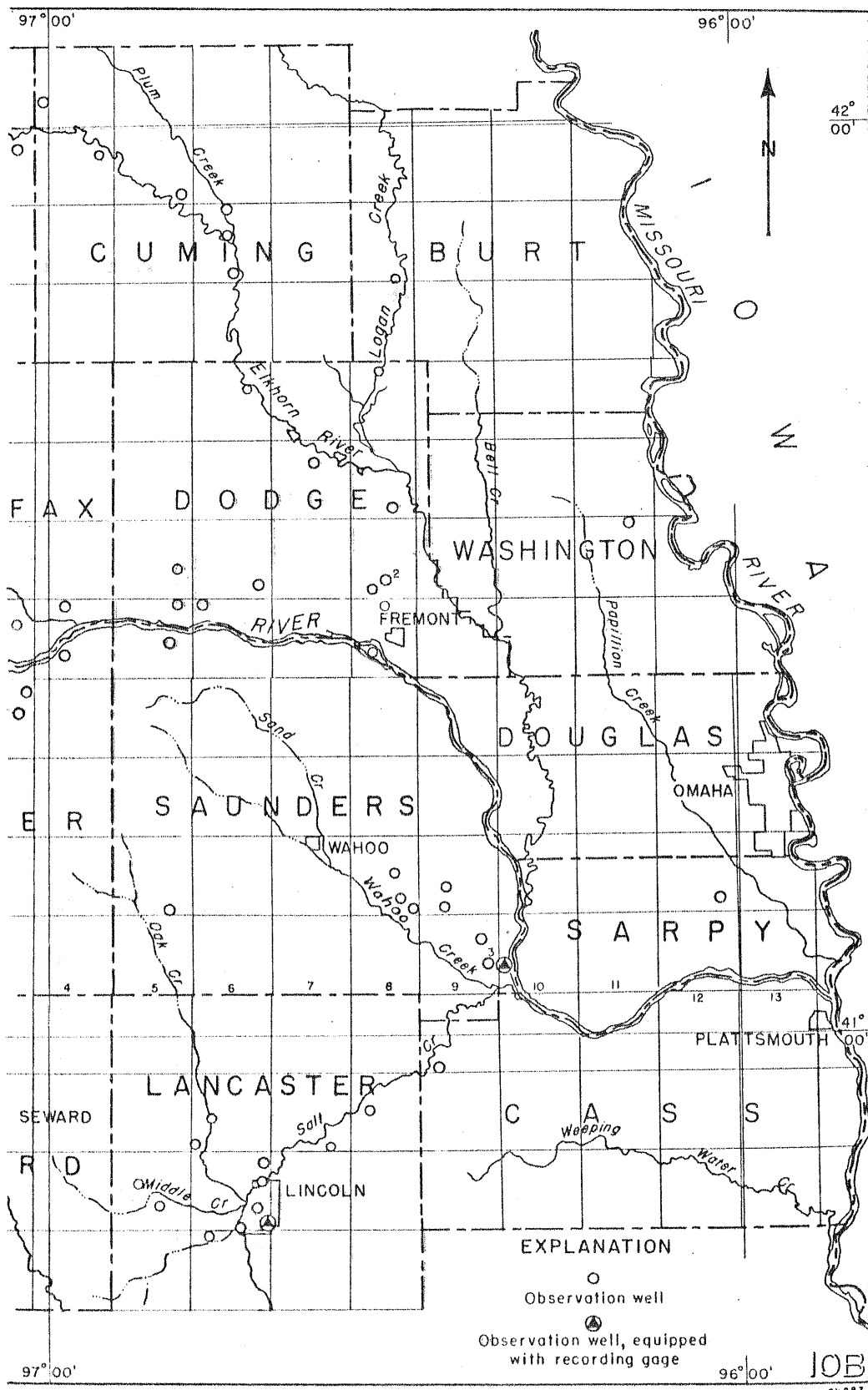


Figure 10.--Section 10B of map of Nebraska showing observation wells.

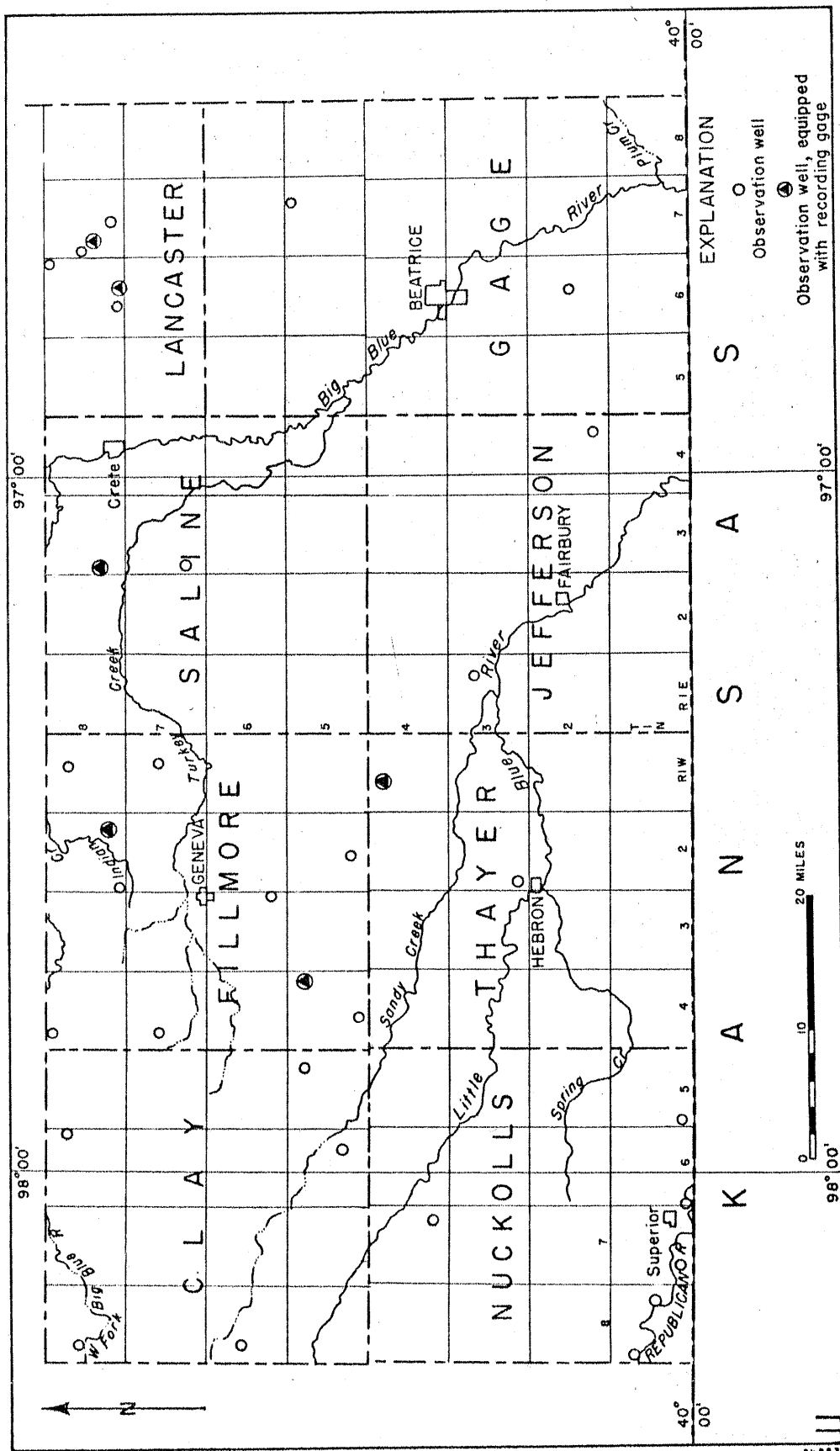


Figure 11.--Section 11 of map of Nebraska showing observation wells.

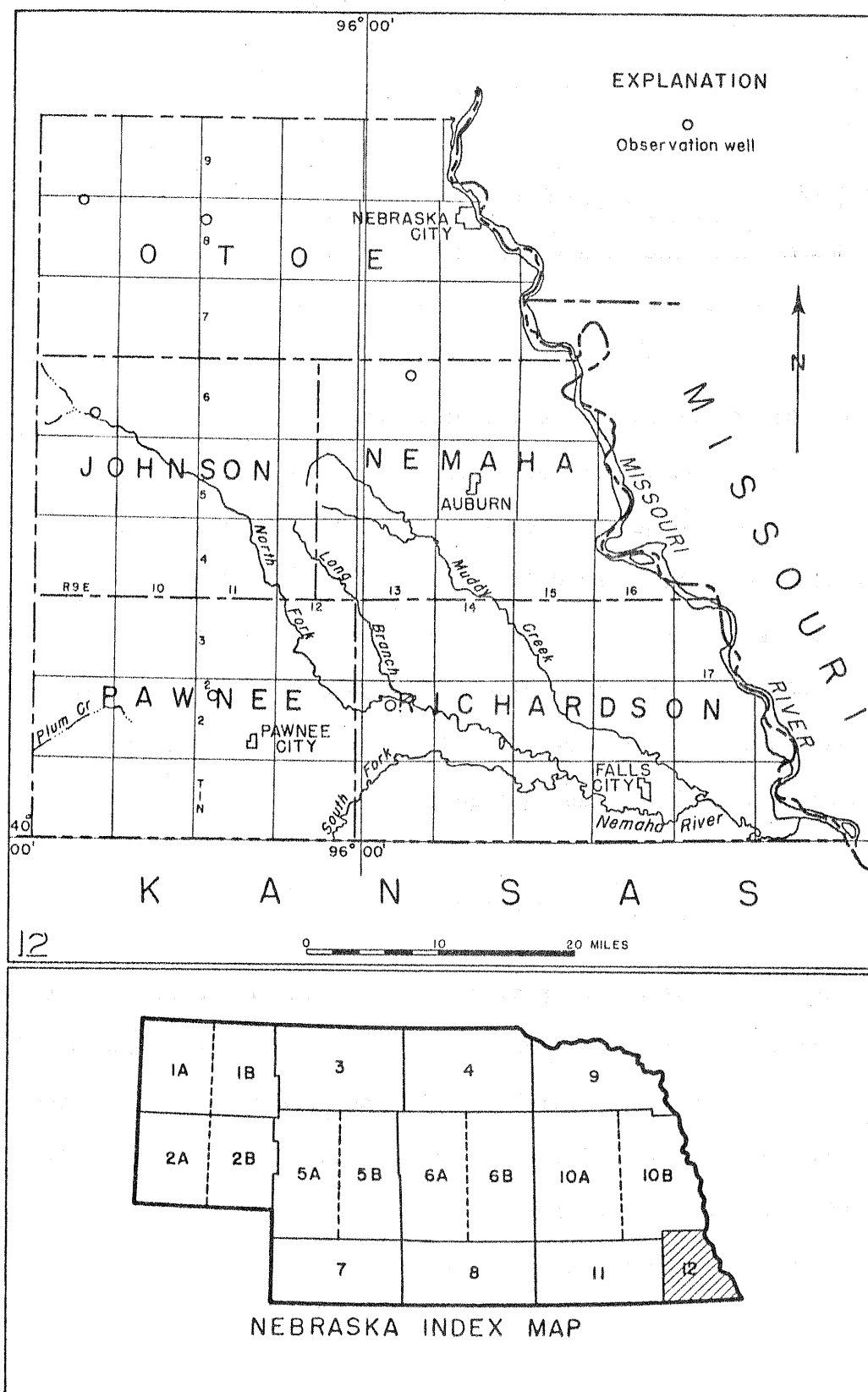


Figure 12.--Section 12 of map of Nebraska showing observation wells.

WELL-NUMBERING SYSTEM

Wells are numbered according to their locations within the land subdivisions of the U.S. Bureau of Land Management. Numbers of wells east of the sixth principal meridian, which passes along the Thayer-Jefferson County line, are preceded by the capital letter A; numbers of those west of the sixth principal meridian have no preceding letter. The first numeral indicates township, the second range, and the third section. The first lowercase letter denotes the quarter section, or 160-acre tract, the second letter the quarter-quarter section, or 40-acre tract. The quarter sections and the quarter-quarter sections are designated a, b, c, or d in a counterclockwise direction beginning with a in the northeast quadrant. If two or more wells are located within a 40-acre tract, the wells are numbered serially according to the order in which they were drilled or inventoried. The system used in numbering is illustrated in figure 13.

PRECIPITATION

Figure 14 shows by means of graphs the cumulative average precipitation at all stations in each of the eight divisions of the State. The dashed line shows the cumulative average precipitation for the year, and the solid line indicates the cumulative average monthly precipitation for the period of record. Comparison of the two curves shows how the precipitation during 1963 differed from the all-time average.

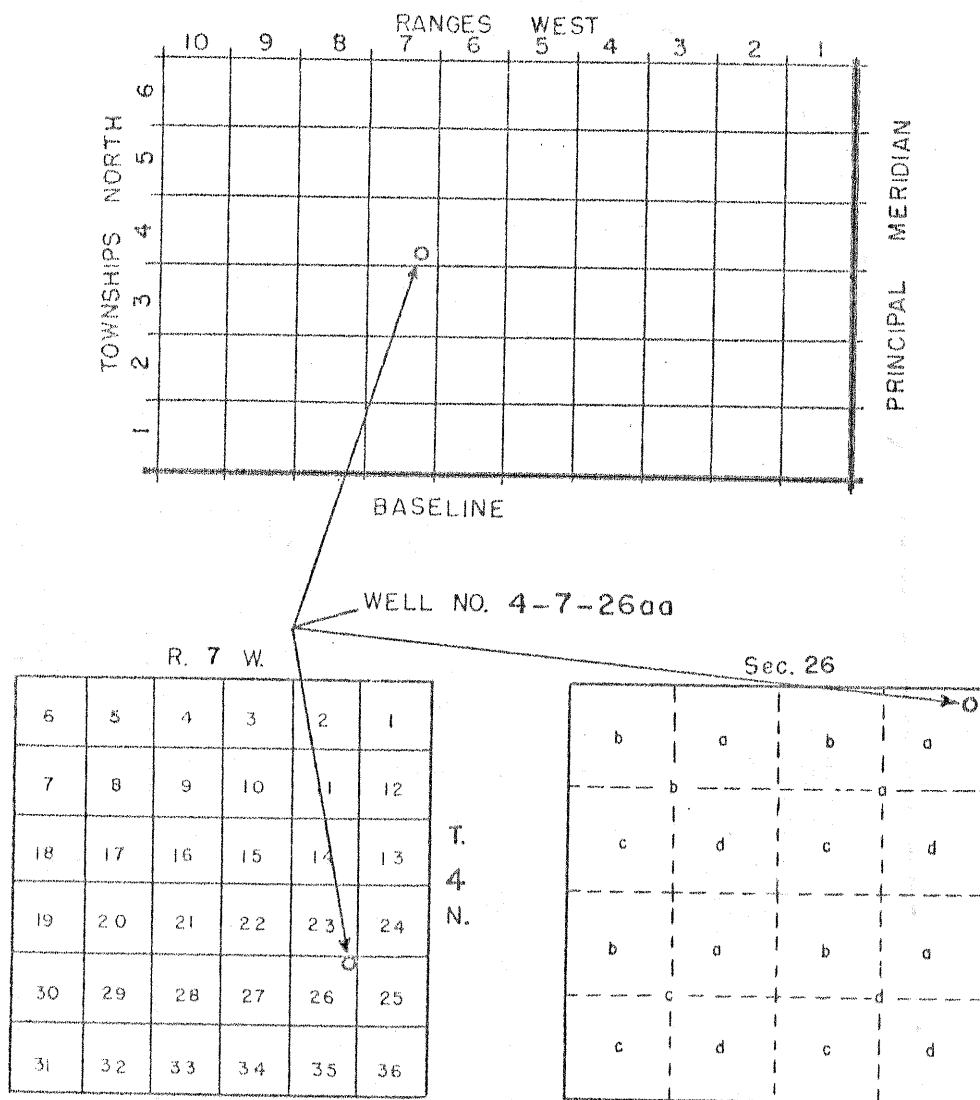


Figure 13.--Sketch showing well-numbering system.

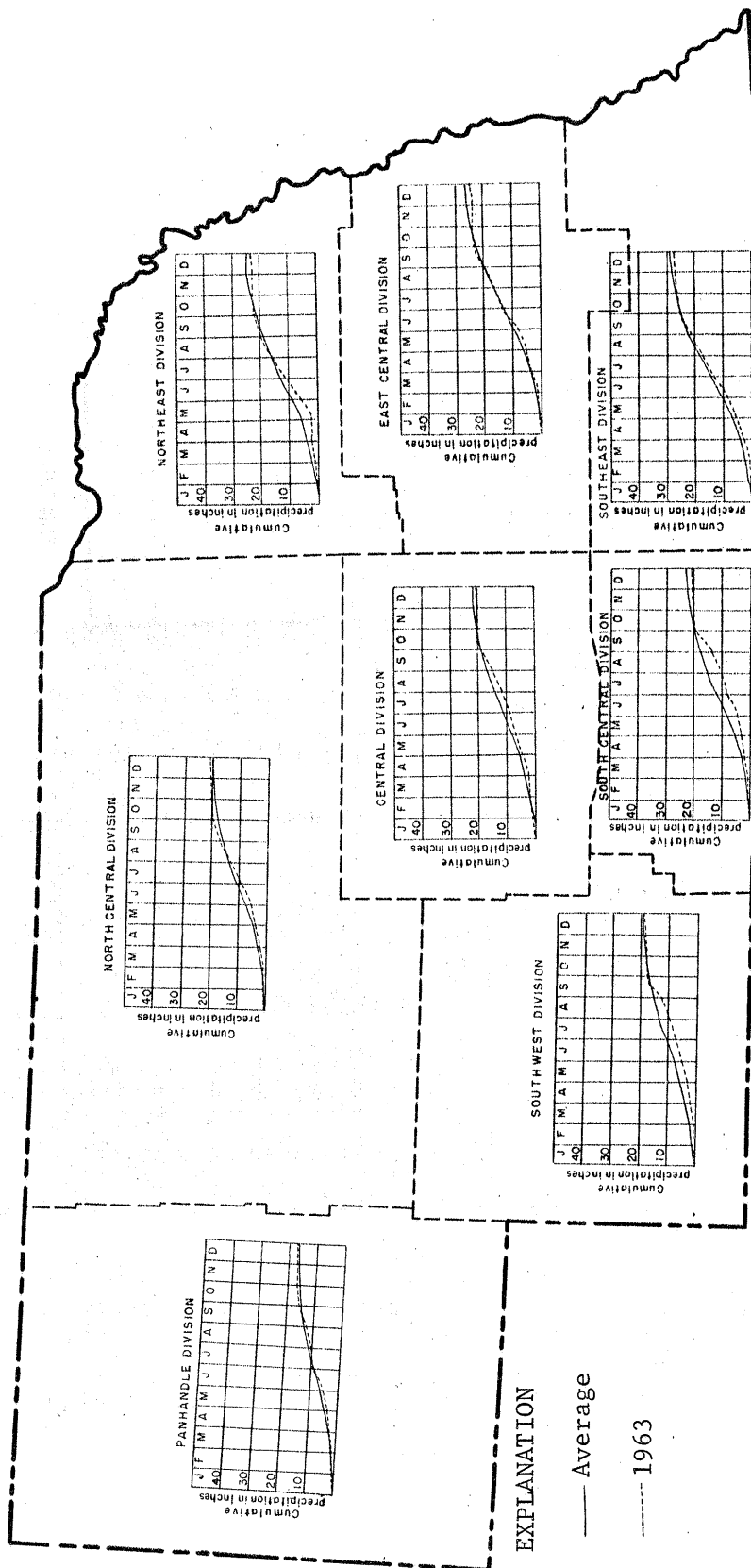


Figure 14.--Map of Nebraska showing cumulative average monthly precipitation and cumulative monthly precipitation for 1963 in eight divisions of the State.
(From records of the United States Weather Bureau)

The graphs show that all the climatic divisions, with the exception of the North Central, received somewhat less than average precipitation for the year.

Precipitation was below normal during the growing season in the Central, Southwest, South Central, and Southeast Divisions. This deficiency in precipitation during the spring and summer resulted in increased use of ground water for irrigation, which is reflected by somewhat lower than average ground-water levels in some localities within these climatic divisions.

Precipitation was so sparse during the fall and early winter of 1963 that ground-water reservoirs received little, if any, natural recharge during this time.

WATER-LEVEL FLUCTUATIONS

Periodic measurement of depth to water in wells provides information on fluctuations of the water table; and when observations are continued through a long period of time, trends in storage changes of the ground-water reservoir are indicated. At places where continuous records of water-level fluctuations are desired, observation wells are equipped with recording gages. Recording gages record all water-level changes automatically; thus, the gage chart is a continuous record of the magnitude and frequency of the fluctuations.

Some observation wells are in areas where no man-made activities disturb the ground-water reservoirs. Water levels in these wells are essentially under natural conditions, and their fluctuations indicate the natural trend of changes in ground-water storage. On the other hand, many observation wells are in areas where much ground water is pumped for irrigation or other uses, and natural forces influencing fluctuations of water levels in these wells generally are overshadowed by effects of pumping, the dominant factor acting on the ground-water reservoir. When wells are pumped heavily, levels may decline substantially because water is removed from the ground-water reservoir faster than it is naturally replenished. After the irrigation season ends and wells are no longer pumped, levels recover somewhat. However, normally they do not rise to the prepumping level. Figure 15 shows the number of irrigation wells registered in each county at the end of 1963 and the number of new wells installed during 1963.

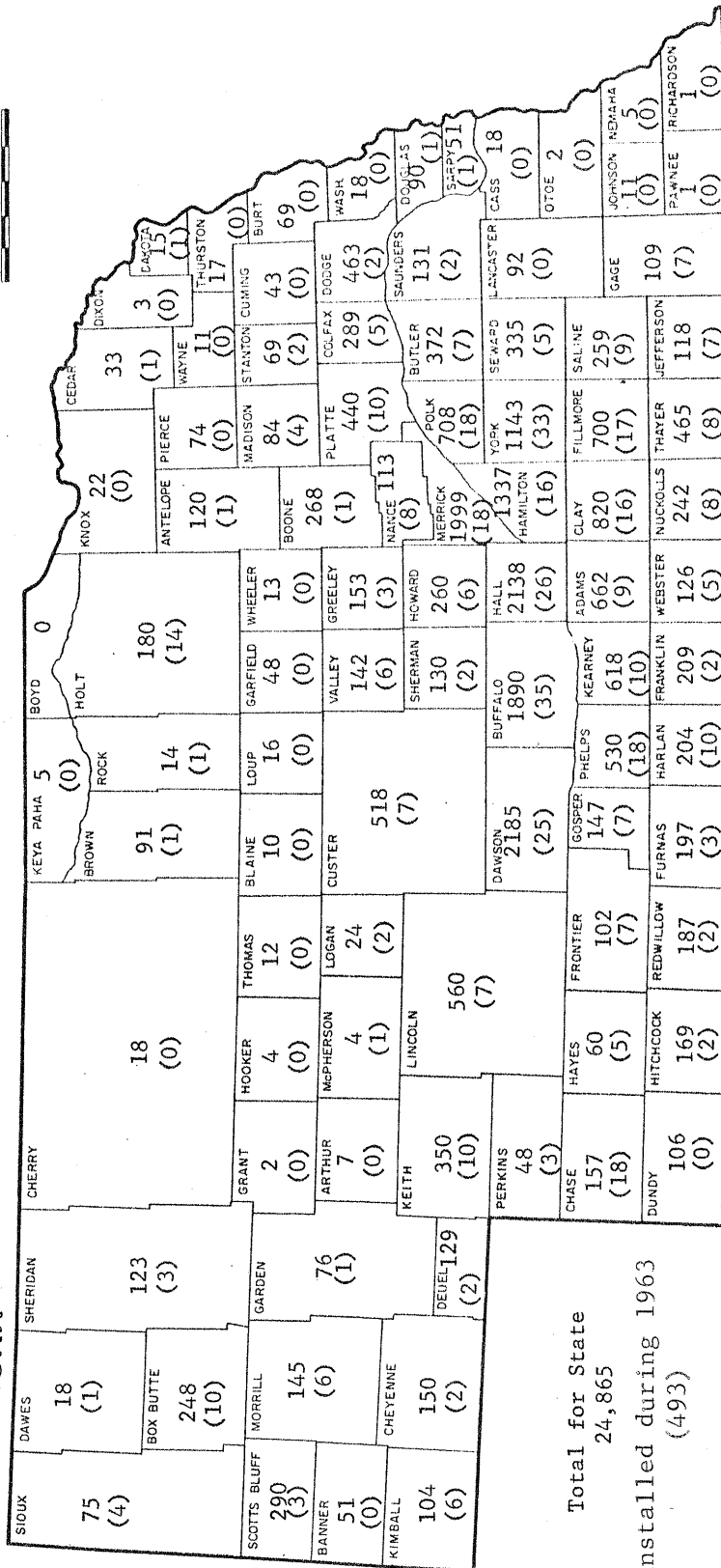
CHANGES IN WATER LEVELS DURING 1963

The ground-water recharge throughout the State generally was less than that of the previous year. Most shallow ground-water levels rose in response to spring and summer precipitation.

Once again, as in previous years, the rise was not so pronounced in areas of deep ground water. In some of the upland areas where much water is pumped for irrigation, recharge during the year was not sufficient to balance withdrawals; consequently, water levels were lower at the end of the year than at the beginning.

NEBRASKA

SCALE
0 10 20 30 Miles



Total for State
24,865
Installed during 1963
(493)

Figure 15.--Map of Nebraska showing the number of irrigation wells registered in each county at the end of 1963 and the number installed during 1963.
(From records of the Nebraska Department of Agriculture and Inspection.)

Figure 16 shows a summary of water-level fluctuations in wells for each county included in the Statewide observation-well program. Each bar graph represents by its height, to scale, the average difference between the high and low water-level readings in selected observation wells in a given county for the entire period of record. Records of wells that have been measured only for a short period of time are not included. The fall 1963 water-level measurements in wells in each county were averaged and compared with the lowest readings established from previous readings, and the shaded section of the bar graph shows where the average 1963 readings stand with reference to the average lowest on record. Counties where ground-water withdrawals have been greater than the recharge show the average water level to be at or near the low end of the scale. The high water levels in Gosper, Phelps, and Kearney Counties result from ground-water recharge derived from seepage from irrigation water diverted from the Platte River and distributed to lands in those counties. The high water levels in the eastern part of the State, however, result from natural recharge from precipitation.

Figure 17 shows the areas where the water table has risen or declined 5 feet or more from the mean, which is arbitrarily selected as the midpoint between the highest and lowest recorded water levels for the period of record. The dashed areas show where levels generally were 5 feet or more below the mean, and the stippled areas show where generally they were 5 feet or more above the mean. The wells showing the greatest departure above and below the mean are also designated.

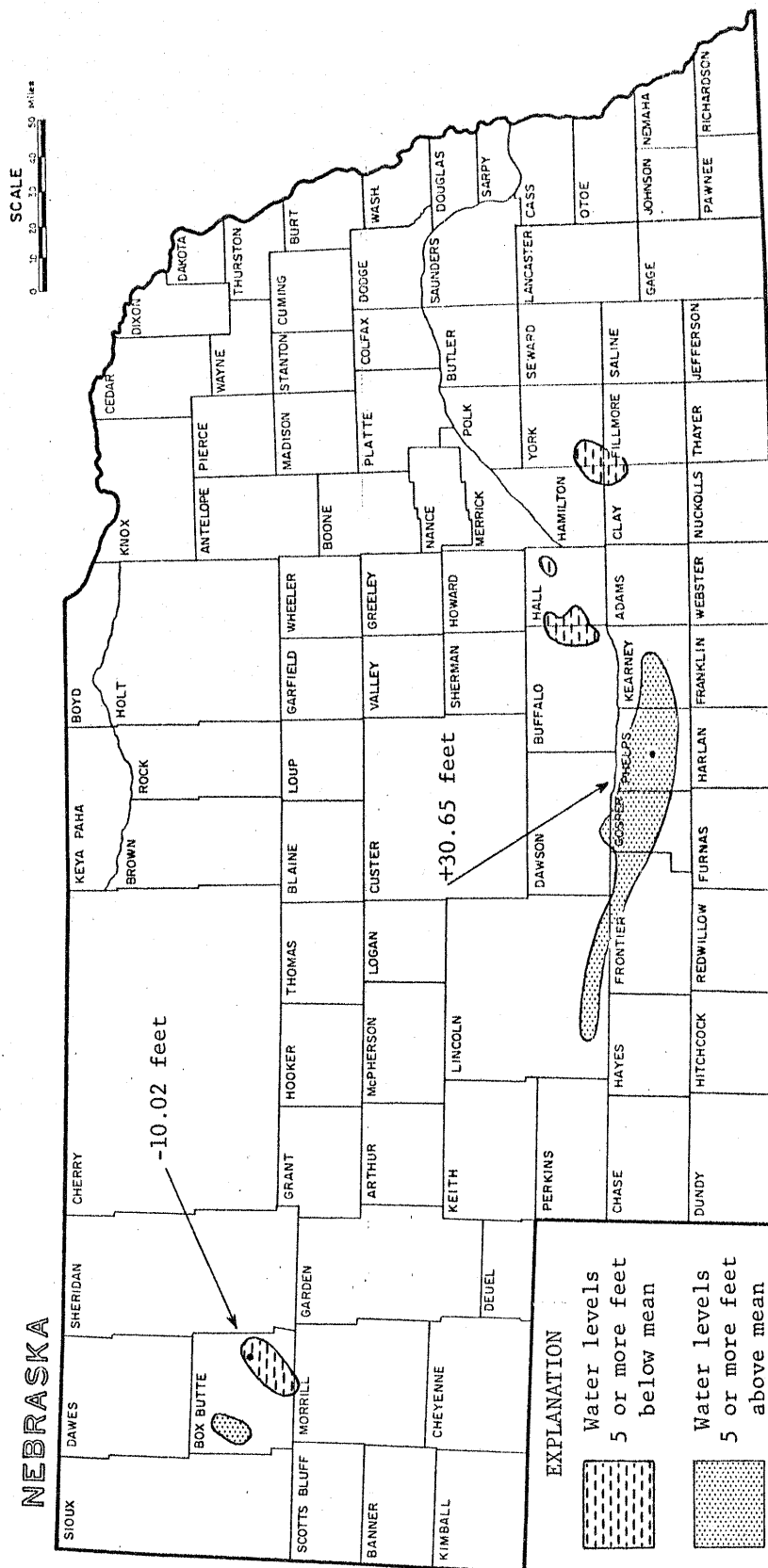


Figure 17.--Map of Nebraska showing as of the fall of 1963 areas where the water table has risen or declined 5 feet or more from the mean of the period of record.

Hydrographs showing net changes in water levels in 3 selected observation wells and 21 wells equipped with recording gages are given in figures 19-30. The locations of these wells are shown in figure 18.

In some areas of heavy ground-water withdrawals there has been a continuing decline in yearend water levels. This downward trend can be seen in the hydrographs for the wells in Adams, Box Butte, Fillmore, and York Counties.

It is interesting to note that the rising trend of the water level in well 6-15-1cb in Kearney County stopped and reversed somewhat in 1963. The continuous rise during the last decade was attributed to recharge by seepage from surface reservoirs and canals. The rise probably was halted by increased use of ground water for irrigation in the vicinity of the well.

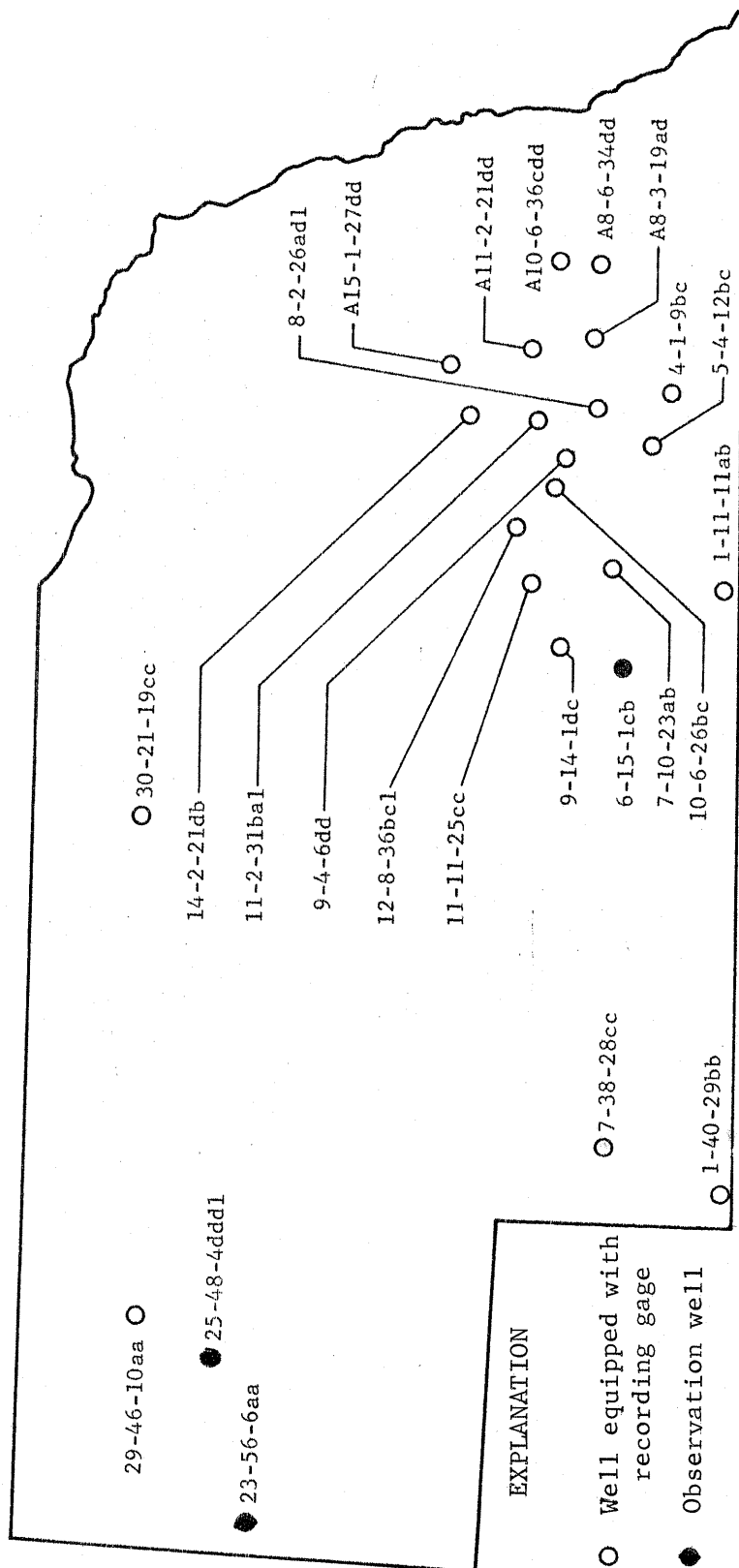


Figure 18.--Map of Nebraska showing the location of wells for which hydrographs are included in this report.

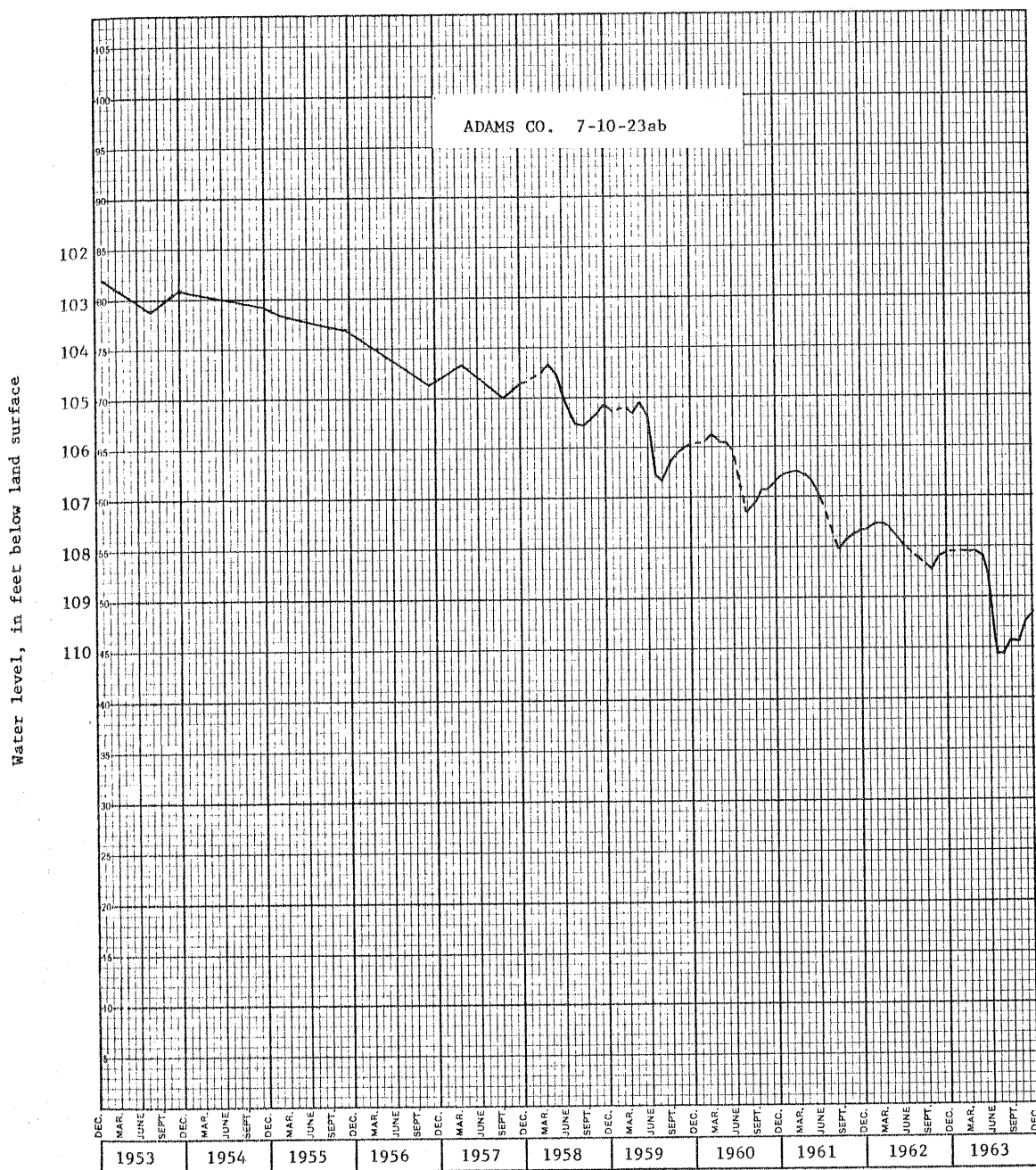


Figure 19.--Hydrograph of water-level fluctuations in observation well in Adams County.

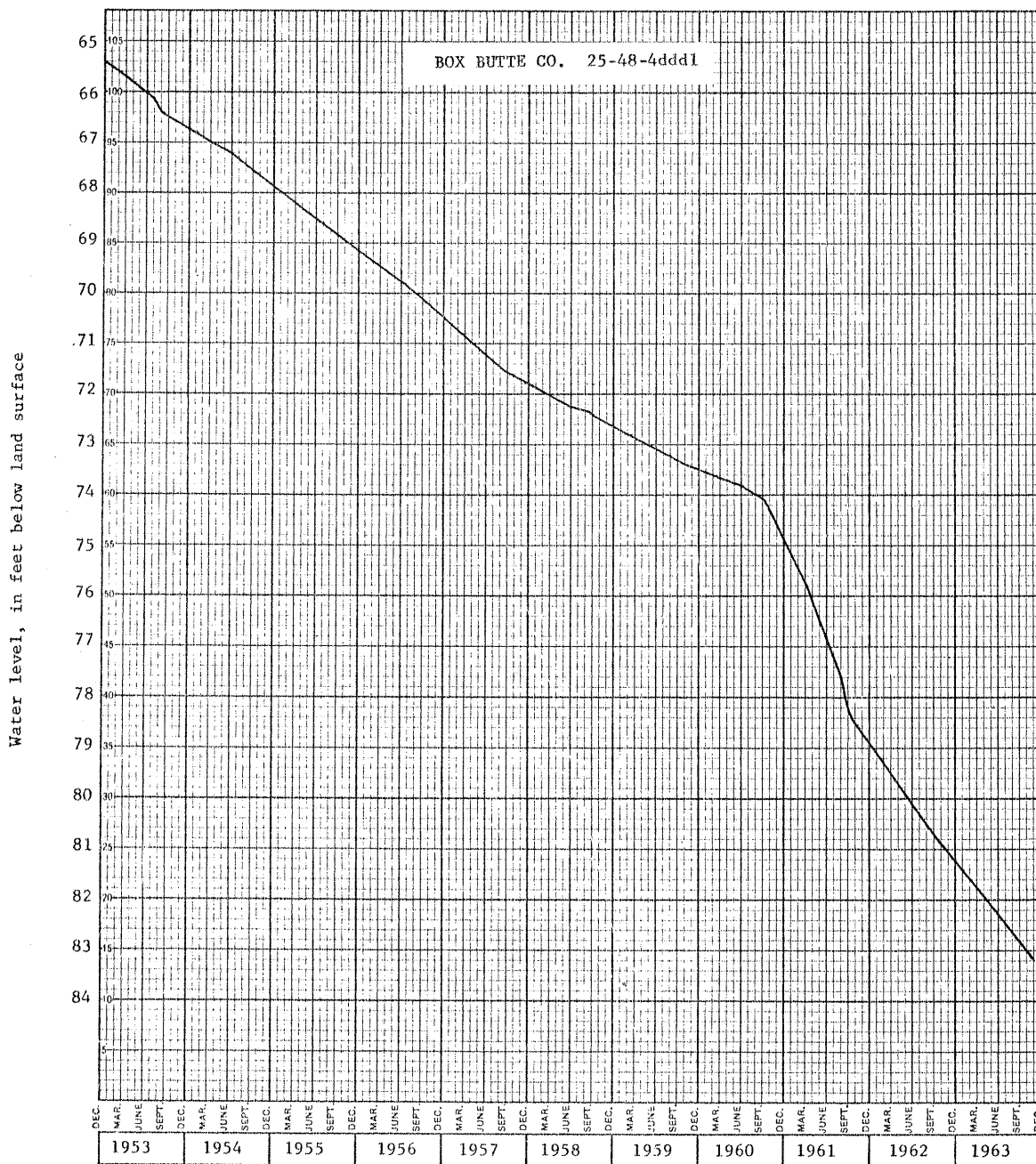


Figure 20.--Hydrograph of water-level fluctuations in observation well in Box Butte County.

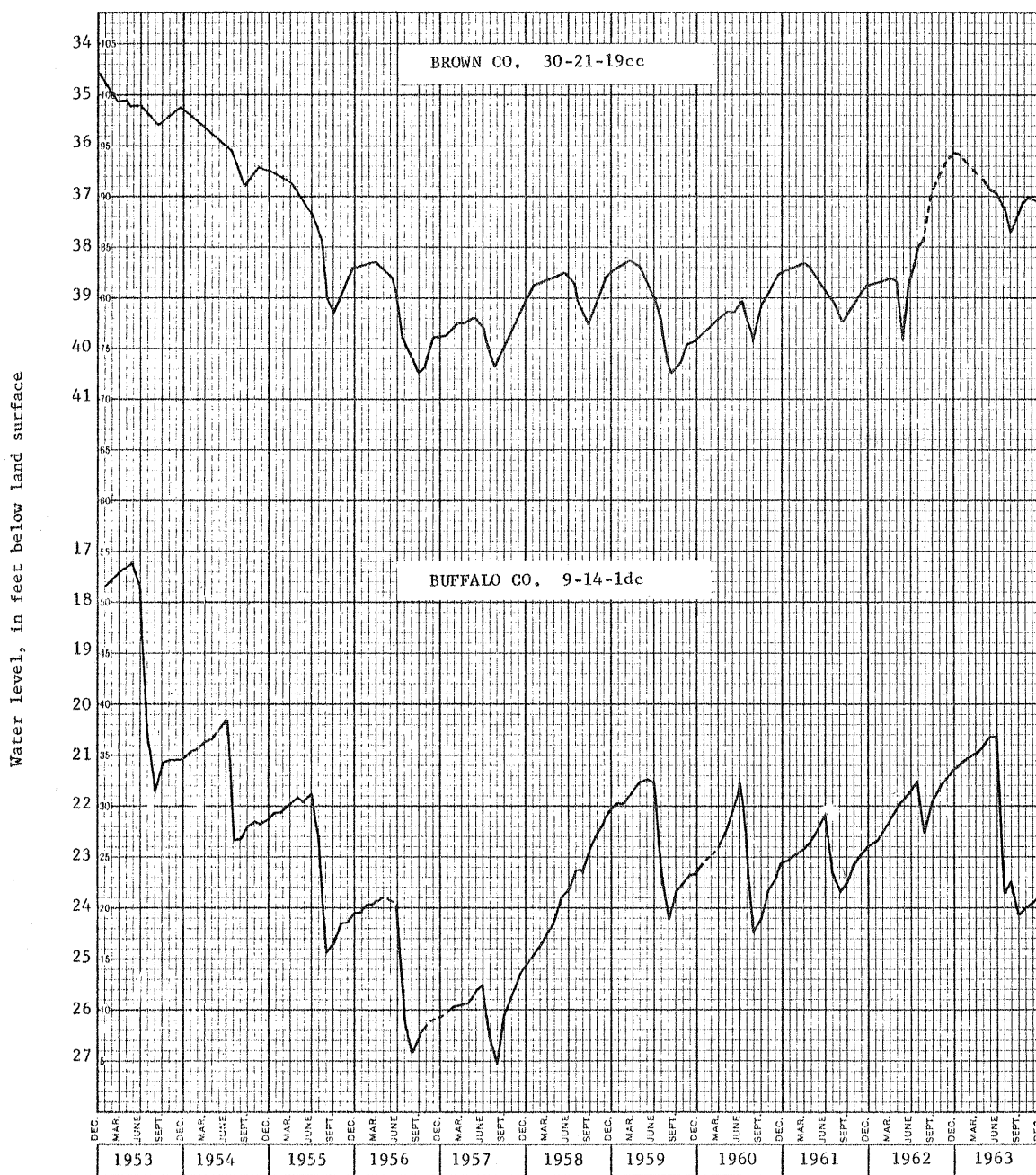
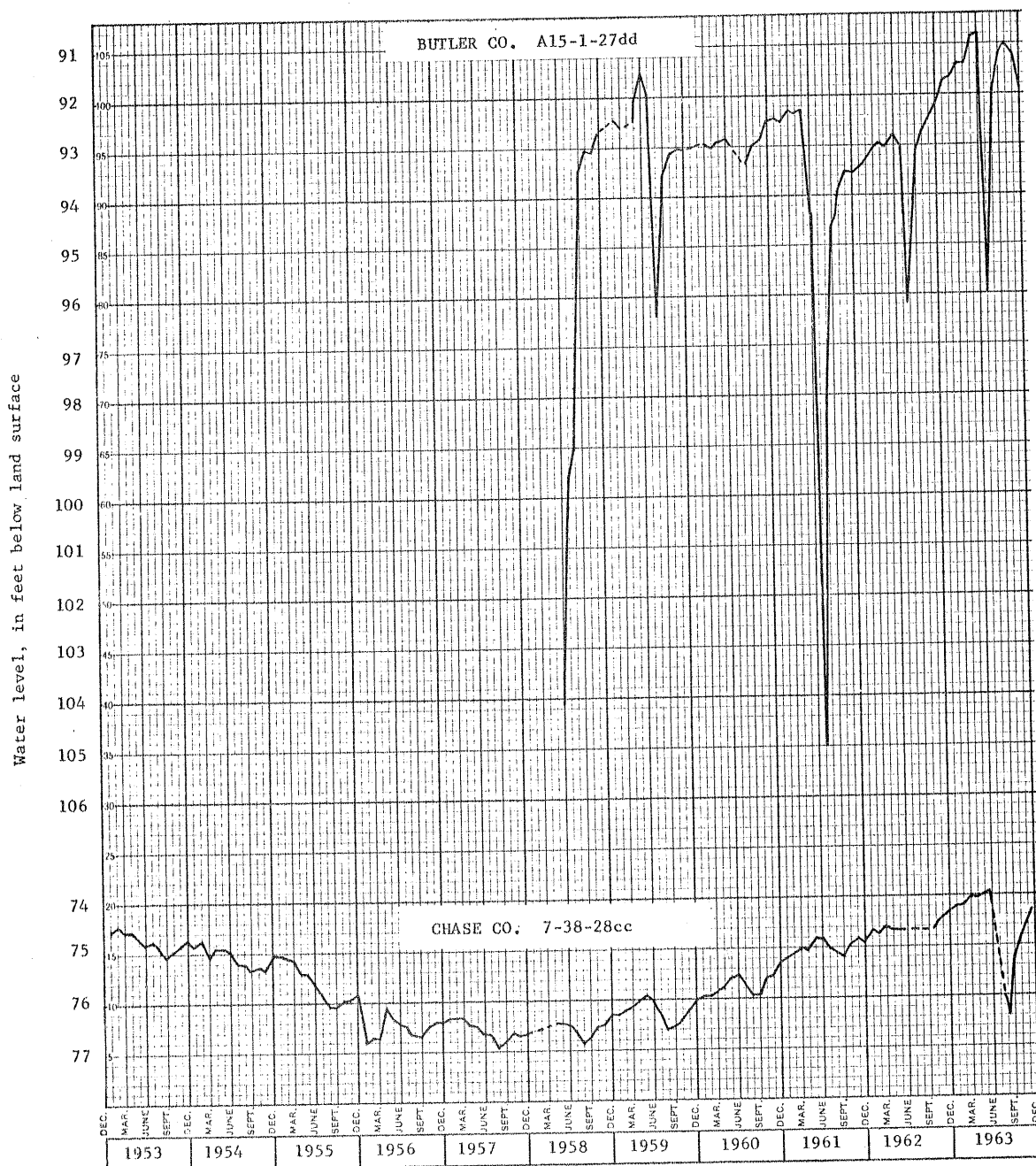


Figure 21.--Hydrographs of water-level fluctuations in observation wells in Brown and Buffalo Counties.



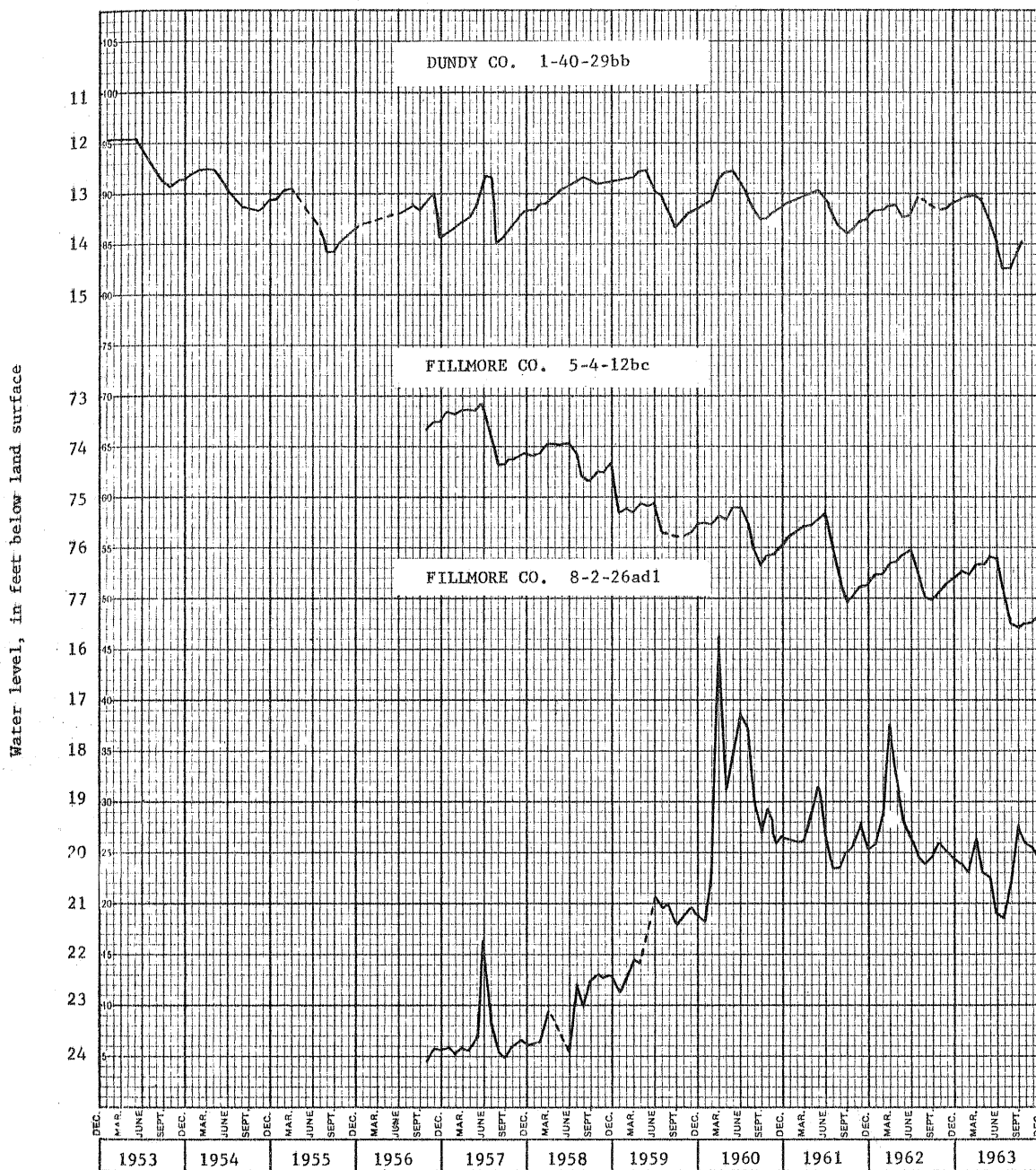


Figure 23.--Hydrographs of water-level fluctuations in observation wells in Dundee and Fillmore Counties.

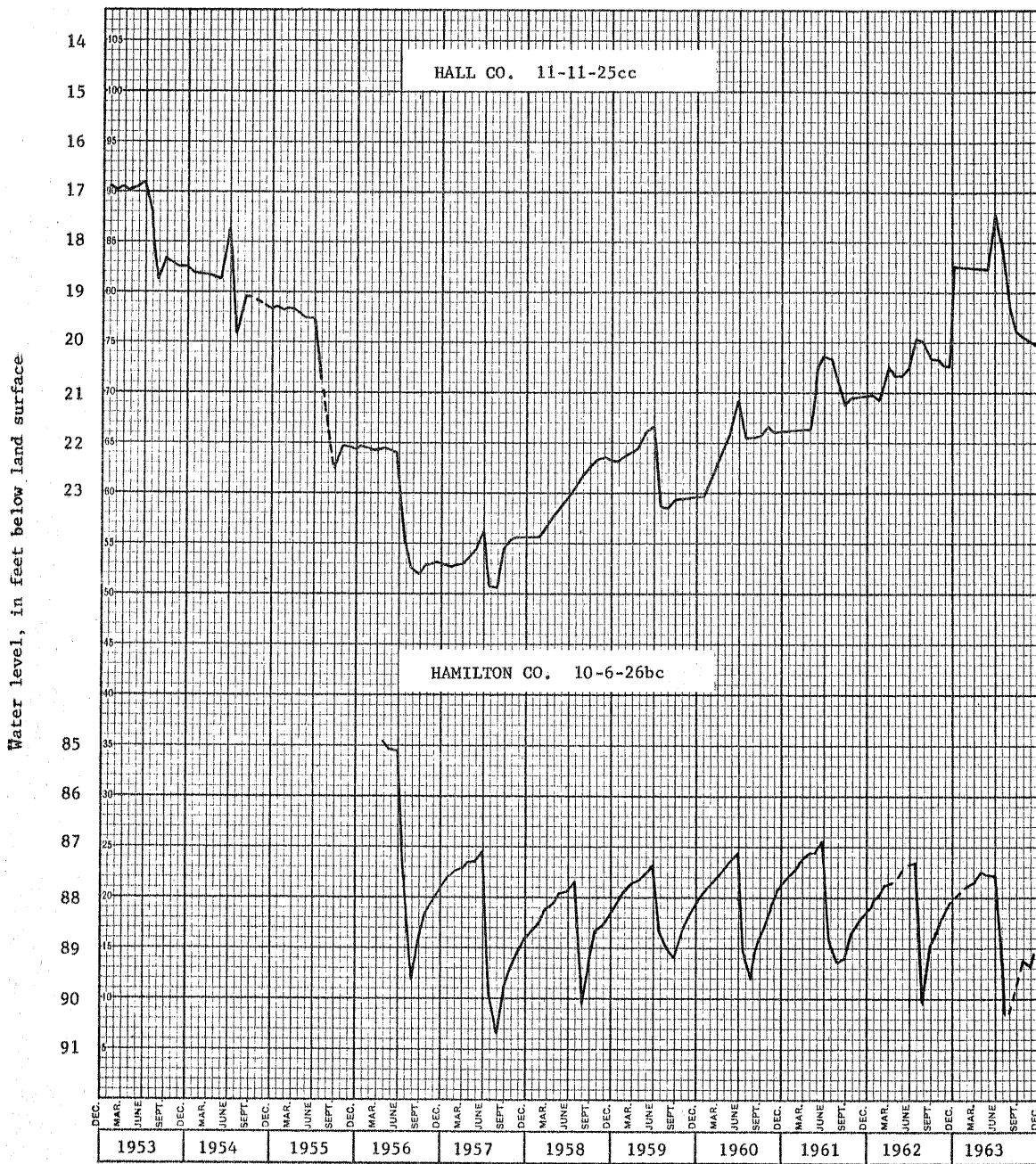


Figure 24.--Hydrographs of water-level fluctuations in observation wells in Hall and Hamilton Counties.

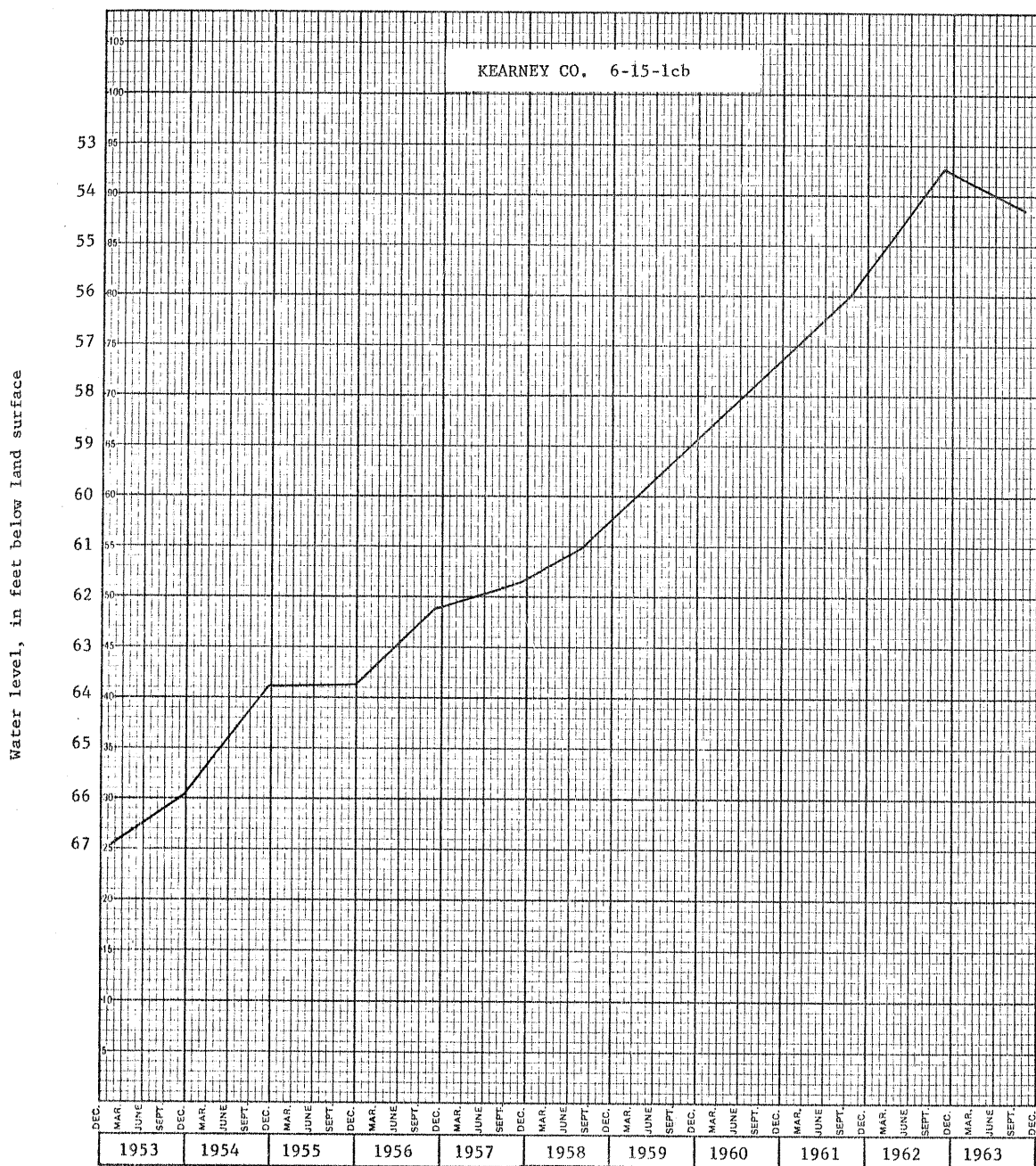


Figure 25.--Hydrograph of water-level fluctuations in observation well in Kearney County.

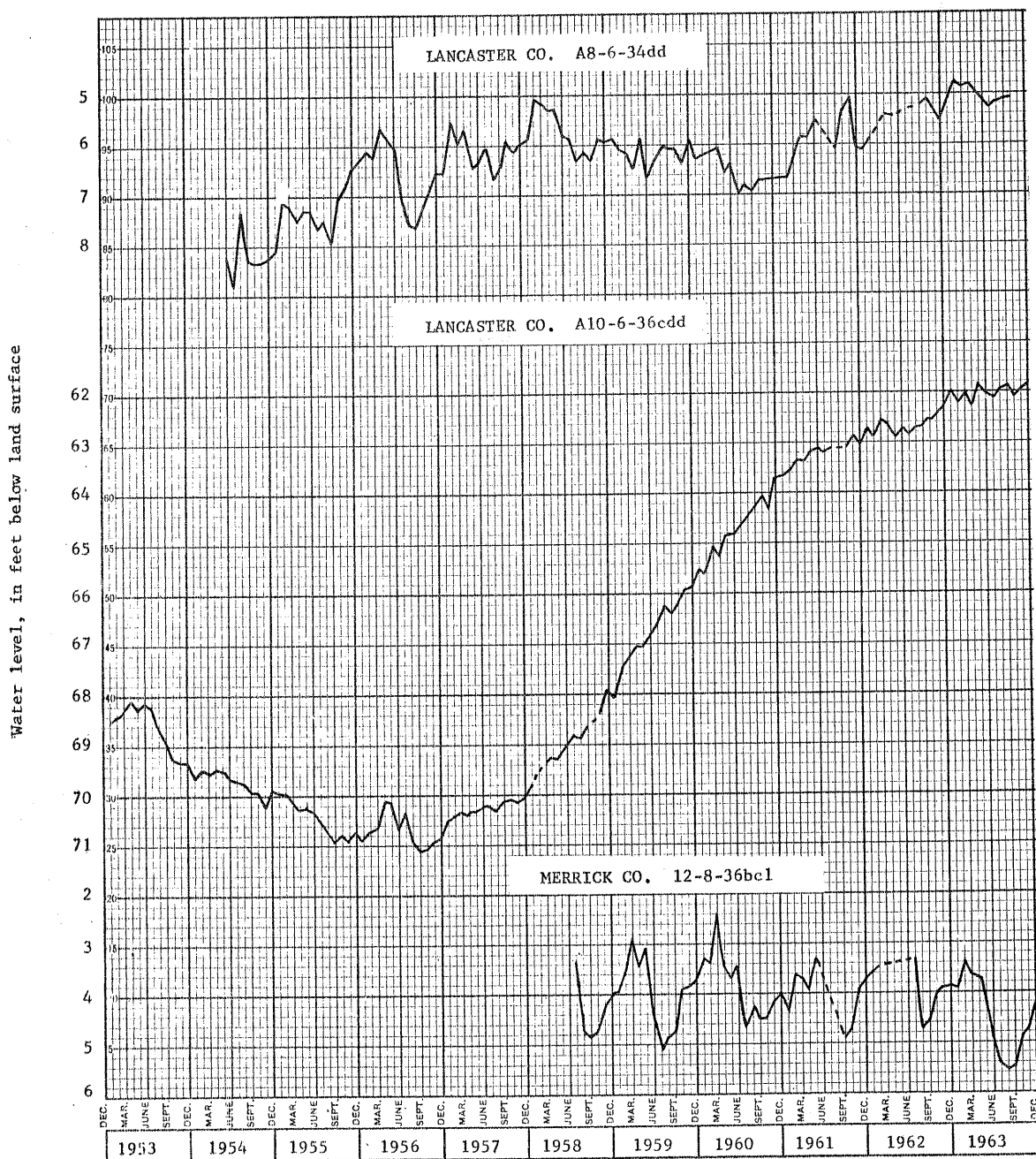


Figure 26.--Hydrographs of water-level fluctuations in observation wells in Lancaster and Merrick Counties.

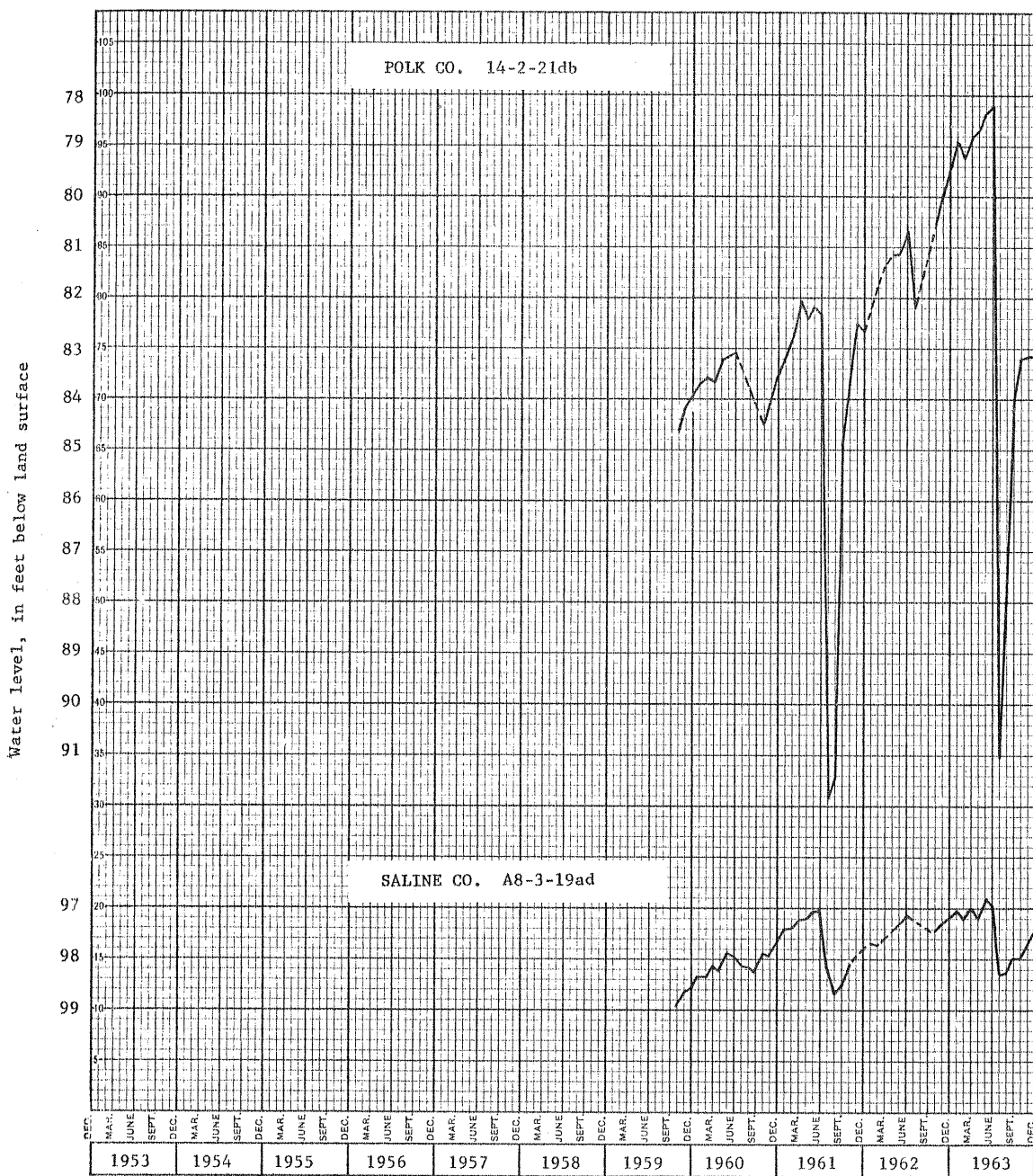


Figure 27.--Hydrographs of water-level fluctuations in observation wells in Polk and Saline Counties.

Water level, in feet below land surface

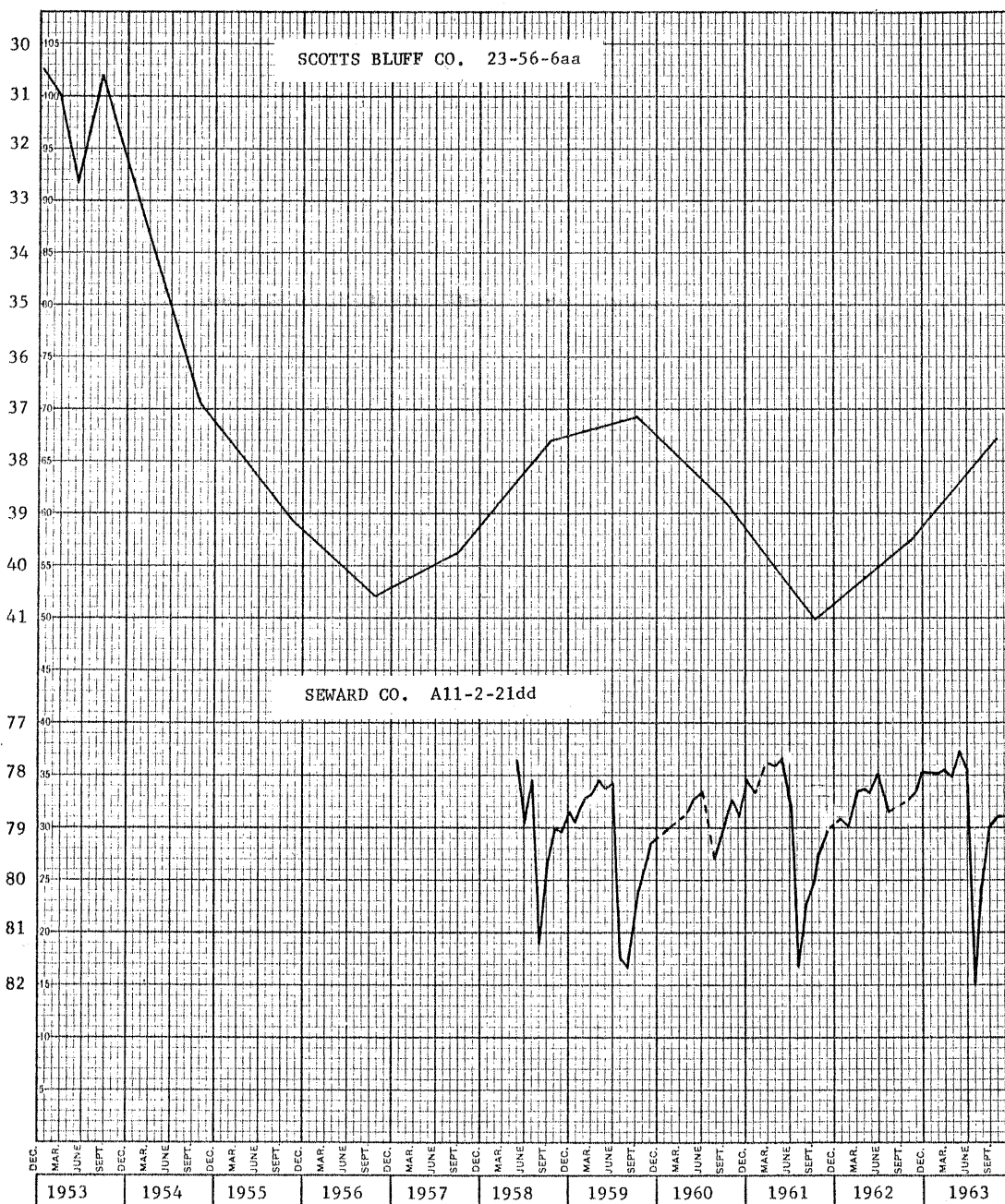


Figure 28.--Hydrographs of water-level fluctuations in observation wells in Scotts Bluff and Seward Counties.

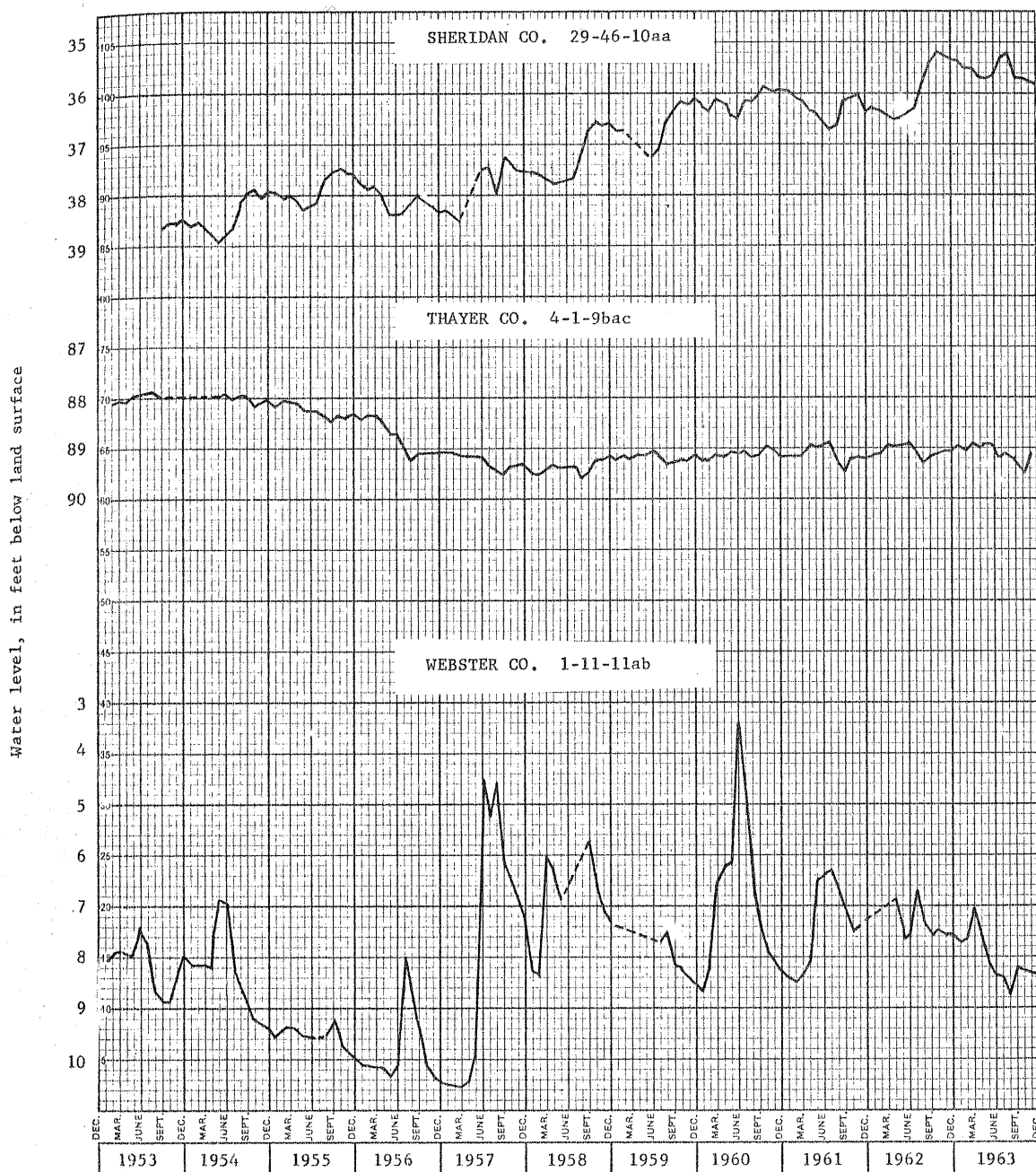


Figure 29.--Hydrographs of water-level fluctuations in observation wells in Sheridan, Thayer, and Webster Counties.

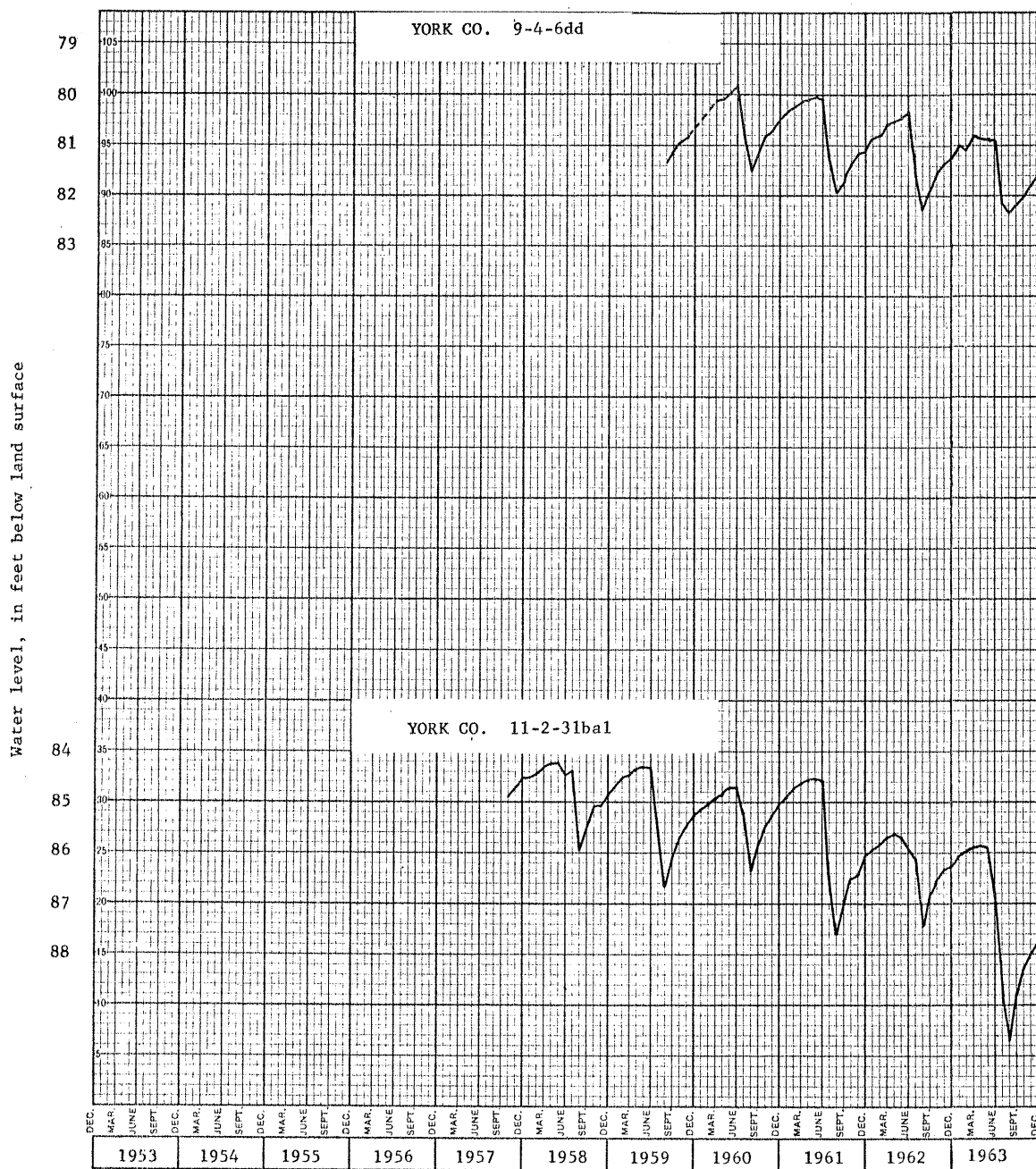


Figure 30.--Hydrographs of water-level fluctuations in observation wells in York County.

OTHER REPORTS CONTAINING WATER-LEVEL MEASUREMENTS

Beginning in 1954, annual publications of the water-level measurements made in wells in Nebraska were released locally. Except for some wells observed during special studies, on which records are kept in open file, these State reports include water-level data for all observation wells in the Nebraska network. The annual State water-level reports are listed below.

Keech, C. F., and Case, R. L., 1954, Water levels prior to January 1, 1954 in observation wells in Nebraska, Pts. 1 and 2.

_____ 1955, Water levels in observation wells in Nebraska during 1954.

Keech, C. F., 1956, Water levels in observation wells in Nebraska during 1955.

_____ 1957, Water levels in observation wells in Nebraska during 1956.

_____ 1958, Water levels in observation wells in Nebraska during 1957, Nebr. Water Survey Paper 4.

_____ 1959, Water levels in observation wells in Nebraska in 1958, Nebr. Water Survey Paper 5.

_____ 1960, Water levels in observation wells in Nebraska in 1959, Nebr. Water Survey Paper 6.

_____ 1961, Water levels in observation wells in Nebraska in 1960, Nebr. Water Survey Paper 9.

Keech, C. F., and Hyland, J. B., 1962, Water levels in observation wells in Nebraska in 1961, Nebr. Water Survey Paper 12.

Emery, P. A., and Malhoit, M. M., 1963, Water levels in observation wells in Nebraska in 1962, Nebr. Water Survey Paper 13.

The publication of measurements of water levels in wells in the United States was begun by the Geological Survey in 1935 and was continued annually until 1957. Data collected after that time will be presented at 5-year intervals. Records for representative Nebraska wells are included in the U.S. Geological Survey publications listed in the following table.

U.S. Geological Survey Water-Supply Papers on Water Levels and Artesian Pressures in Observation Wells in the United States

| Year | Number | Year | Number | Year | Number |
|------|--------|------|--------|------|------------|
| 1935 | 777 | 1943 | 988 | 1951 | 1193 |
| 1936 | 817 | 1944 | 1018 | 1952 | 1223 |
| 1937 | 840 | 1945 | 1025 | 1953 | 1267 |
| 1938 | 845 | 1946 | 1073 | 1954 | 1323 |
| 1939 | 886 | 1947 | 1098 | 1955 | 1406 |
| 1940 | 908 | 1948 | 1128 | 1956 | 1456 |
| 1941 | 938 | 1949 | 1158 | 1961 | 1781 |
| 1942 | 946 | 1950 | 1167 | | (in press) |

Adams County

5-9-9dc. Dan McClarry. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 142 ft. Lsd, 1,794.23 ft above msl. Highest water level 35.65, May 26, 1949; lowest water level 38.83, Nov. 9, 1960. Records available: 1947-63. Oct. 24, 38.21.

6-9-4cb. J. P. Larson. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 145 ft. Lsd, 1,891.85 ft above msl. Highest water level 102.62, June 17, 1952; lowest water level 106.09, Oct. 24, 1963. Records available: 1947-63. Oct. 24, 106.09.

6-10-23bb. U.S. Geol. Survey. Driven observation water-table well in sand and clay, diam 1 in, depth 18 ft. Lsd, 1,815.27 ft above msl. Highest water level 2.05, May 26, 1949; lowest water level 10.43, Apr. 12, 1937. Records available: 1936-40, 1942, 1946-63. Oct. 24, 5.40.

6-11-22cc. Lenard Parr. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 145 ft. Highest water level 90.26, Oct. 24, 1951; lowest water level 94.43, Sept. 27, 1961. Records available: 1950-63. Oct. 24, 94.34.

6-12-12db. L. Christenson. Drilled irrigation water-table well in sand, diam 18 in, depth 187 ft. Highest water level 98.31, Oct. 24, 1951; lowest water level 102.16, Sept. 27, 1961. Records available: 1948-51, 1959-63. Oct. 24, 101.76.

7-9-12dc. Eugene Halloran. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 205 ft. Lsd, 1,890.48 ft above msl. Highest water level 110.61, June 17, 1952; lowest water level 116.15, Oct. 24, 1963. Records available: 1948-63. Oct. 24, 116.15.

*7-10-23ab. Henry Fricke. Drilled unused water-table well in sand and gravel, diam 8 in, depth 155 ft. Lsd, 1,927 ft above msl. Highest water level 99.95, Jan. 22, Mar. 14, 1935; lowest water level 112.00, July 24, 1963. Records available: 1934-38, 1948-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 15 | 108.05 | Apr. 30 | 108.09 | July 31 | 110.10 | Oct. 31 | 109.85 |
| Feb. 28 | 108.07 | May 31 | 108.20 | Aug. 31 | 110.09 | Nov. 30 | 109.52 |
| Mar. 31 | 108.11 | June 30 | 108.61 | Sept. 30 | 109.85 | Dec. 15 | 109.44 |

7-11-3cb. Vic Katzberg. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 182 ft. Lsd, 2,020.04 ft above msl. Highest water level 110.64, Dec. 28, 1953; lowest water level 114.66, Sept. 27, 1961. Records available: 1947-63. Oct. 24, 114.60.

*Recording gage.

Adams County--Continued

7-12-15ca. Roscoe Karr. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 180 ft. Lsd, 2,056.9 ft above msl. Highest water level 94.63, Dec. 16, 1954; lowest water level 98.05, Nov. 17, 1947. Records available: 1947-51, 1954-63. Oct. 24, 97.96.

8-9-14ac. Charles Anderson. Drilled unused water-table well in sand and gravel, diam 18 in, depth 149 ft. Lsd, 1,907.71 ft above msl. Highest water level 107.78, June 17, 1952; lowest water level 116.63, Nov. 9, 1960. Records available: 1948-52, 1954, 1956-63. Oct. 24, 115.71.

8-10-26da. Staltz. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 162 ft. Highest water level 96.10, Aug. 22, 1951; lowest water level 104.14, Oct. 24, 1963. Records available: 1948-52, 1954-63. Oct. 24, 104.14.

8-12-8ab. E. Woodman. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 85 ft. Lsd, 2,009.14 ft above msl. Highest water level 6.15, July 8, 1949; lowest water level 10.98, Dec. 30, 1955. Records available: 1946-55, 1959-63. Oct. 24, 10.62.

Antelope County

24-5-5bb. Glen Cowan. Drilled irrigation water-table well in sand, diam 18 in, depth 100 ft. Highest water level 24.60, Nov. 8, 1951; lowest water level 29.78, Nov. 14, 1956. Records available: 1951-63. Oct. 17, 28.67.

24-6-11bb. U.S. Geol. Survey. Bored observation water-table well in sand, diam 1 in, depth 32.50 ft. Highest water level 14.65, Dec. 19, 1963; lowest water level 15.00, Oct. 21, 1963. Records available: 1963. Oct. 21, 15.00; Nov. 25, 14.80; Dec. 19, 14.65.

25-6-27bb. Gerald Baker. Drilled irrigation water-table well in sand, diam 18 in, depth 190 ft. Highest water level 15.83, Aug. 31, 1951; lowest water level 22.05, Nov. 14, 1956. Records available: 1951-63. Oct. 17, 20.57.

25-7-3db. Oscar Larsen. Drilled irrigation water-table well in sand, diam 18 in, depth 103 ft. Highest water level 7.05, Aug. 31, 1951; lowest water level 13.90, Nov. 14, 1956. Records available: 1951, 1953-63. Oct. 17, 12.65.

Antelope County--Continued

28-8-5bc. Bernard Schacht. Drilled abandoned stock well in alluvium, diam 8 in, depth 28 ft. Highest water level 12.93, June 27, 1962; lowest water level 16.81, Nov. 30, 1961. Records available: 1961-63. Apr. 25, 15.55; May 28, 15.54; July 12, 14.61; Aug. 7, 14.78; Sept. 4, 14.60; Nov. 25, 16.20; Dec. 19, 16.26.

28-8-9dd. U.S. Geol. Survey. Bored observation water-table well in alluvium, diam 1½ in, depth 14.30 ft. Highest water level 4.09, June 27, 1962; lowest water level 5.00, Aug. 27, 1961 and Aug. 22, 1962. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 25 | 4.25 | July 12 | 4.47 | Sept. 4 | 4.60 | Nov. 25 | 4.56 |
| May 28 | 4.55 | Aug. 7 | 4.34 | Oct. 22 | 4.68 | Dec. 19 | 4.56 |

Banner County

19-54-15bc. Bert Rodgers. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 50 ft. Highest water level 22.40, July 13, 1949; lowest water level 32.81, Sept. 19, 1952. Records available: 1949-52, 1954, 1956-63. Oct. 29, 32.49.

19-55-29ac. Fred Grant. Dug unused water-table well in sand, size 6 by 8 ft, depth 44 ft. Highest water level 23.00, Oct. 17, 1957; lowest water level 44.35, Oct. 10, 1960. Records available: 1949-63. Oct. 29, 30.20.

Blaine County

22-24-33ca. U.S. Geol. Survey. Drilled observation water-table well in fine sand, diam 1 in, depth 13 ft. Highest water level 1.04, Mar. 8, 1950; lowest water level 6.97, Aug. 8, 1951. Records available: 1934-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 15 | 3.68 | Mar. 26 | 2.90 | July 16 | 4.71 | Oct. 8 | 4.51 |
| 28 | 3.57 | Apr. 16 | 3.12 | 29 | 5.24 | 29 | 4.34 |
| Feb. 12 | 2.98 | May 7 | 3.60 | Aug. 14 | 4.75 | Nov. 13 | 4.29 |
| 26 | 3.03 | 20 | 3.94 | 26 | 5.13 | 18 | 4.25 |
| Mar. 12 | 2.61 | June 17 | 4.06 | Sept. 24 | 4.04 | Dec. 10 | 4.11 |

Blaine County--Continued

23-22-22cb. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 22 ft. Lsd, 2,496.6 ft above msl. Highest water level 15.02, Nov. 7, 1962; lowest water level 18.12, July 23, 1940. Records available: 1936-42, 1949-57, 1959-63. Nov. 13, 15.48.

24-25-7aa. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 14 ft. Highest water level 4.64, Nov. 7, 1962; lowest water level 6.56, Aug. 31, 1954. Records available: 1936-42, 1954-55, 1957, 1960-63. Nov. 13, 4.76.

Boone County

18-6-4ab. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in., depth 91.0 ft. Lsd, 1,794.60 ft above msl. Highest water level 69.73, Dec. 21, 1963; lowest water level 70.38, Sept. 9, 1963. Records available: 1963. Sept. 9, 70.38; Nov. 27, 69.75; Dec. 21, 69.73.

18-7-4ca. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1 in, depth 22 ft. Highest water level 8.72, Aug. 5, 1963; lowest water level 15.17, Oct. 26, 1940. Records available: 1937-42, 1948-63. Mar. 27, 11.72; Aug. 5, 8.72; Sept. 3, 9.36; Oct. 15, 10.82.

18-7-6aa. U.S. Geol. Survey. Jetted observation water-table well, diam $\frac{3}{4}$ in, depth 30 ft. Highest water level 19.70, Apr. 25, 1962; lowest water level 21.74, Sept. 26, 1961. Records available: 1960-63. Mar. 27, 20.15; July 2, 21.50; Aug. 5, 21.73; Sept. 3, 21.17; Oct. 15, 21.25.

18-7-6cc. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 221 ft. Lsd, 1,901.21 ft above msl. Highest water level 122.93, Nov. 27, 1963; lowest water level, 122.96, Dec. 21, 1963. Records available: 1963. Nov. 27, 122.93; Dec. 21, 122.96.

18-7-8aa. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 47 ft. Lsd, 1,771.43 ft above msl. Highest water level 21.17, Dec. 21, 1963; lowest water level 21.25, Nov. 27, 1963. Records available: 1963. Nov. 27, 21.25; Dec. 21, 21.17.

18-7-16ab. U.S. Geol. Survey. Jetted observation water-table well, diam $\frac{3}{4}$ in, depth 46 ft. Highest water level 22.80, Apr. 25, 1962; lowest water level 30.06, July 16, 1962. Records available: 1960-63. Mar. 27, 22.87; July 2, 28.41; Aug. 5, 29.28; Sept. 3, 27.37; Oct. 15, 24.12.

Boone County--Continued

18-7-22aa. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 3/4 in. Highest water level 18.33, Aug. 3, 1960; lowest water level 23.45, Sept. 3, 1963. Records available: 1959-63. Mar. 27, 22.09; July 2, 22.94; Aug. 5, 23.35; Sept. 3, 23.45; Oct. 15, 23.23.

18-7-22dc. U.S. Geol. Survey. Jetted observation water-table well, diam 3/4 in, depth 29 ft. Highest water level 10.74, May 17, 1961; lowest water level 13.61, Aug. 5, 1963. Records available: 1960-63. Mar. 27, 11.42; July 2, 12.52; Aug. 5, 13.61; Sept. 3, 12.76; Oct. 15, 12.40.

19-5-28cd. Lawrence Bryan. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 147 ft. Highest water level 31.62, July 25, 1950; lowest water level 36.53, Aug. 17, 1954. Records available: 1948-58, 1960-63. Oct. 16, 35.49.

19-5-31cc. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1 1/2 in, depth 121 ft. Lsd, 1,763.14 ft above msl. Highest water level 62.53, Sept. 9, 1963; lowest water level 62.67, Dec. 21, 1963. Records available: 1963. Sept. 9, 62.53; Nov. 27, 62.55; Dec. 21, 62.67.

19-7-31ad. U.S. Geol. Survey. Jetted observation water-table well, diam 3/4 in, depth 46 ft. Highest water level 12.15, June 4, 1962; lowest water level 14.61, July 27, 1961. Records available: 1960-63. Mar. 27, 12.30; July 2, 14.17; Aug. 5, 14.12; Sept. 3, 13.23; Oct. 15, 13.05.

19-7-31bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1 1/2 in, depth 57 ft. Lsd, 1,798.98 ft above msl. Highest water level 20.97, Mar. 27, 1963; lowest water level 22.43, Sept. 26, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|---------|-------------|
| Jan. 30 | 21.21 | July 2 | 21.95 | Sept. 3 | 21.76 | Nov. 27 | 21.62 |
| Mar. 27 | 20.97 | Aug. 5 | 22.11 | Oct. 15 | 21.53 | Dec. 21 | 21.43 |
| May 29 | 21.33 | | | | | | |

19-7-32db. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1 1/2 in, depth 38 ft. Lsd, 1,772.27 ft above msl. Highest water level 8.80, Feb. 12, 1962; lowest water level 11.59, Aug. 5, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|---------|-------------|
| Jan. 30 | 8.81 | July 2 | 10.41 | Sept. 3 | 10.03 | Nov. 27 | 9.52 |
| Mar. 27 | 8.84 | Aug. 5 | 11.59 | Oct. 15 | 9.70 | Dec. 21 | 9.30 |
| May 29 | 9.27 | | | | | | |

Boone County--Continued

19-8-6ad. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 79 ft. Lsd, 1,894.13 ft above msl. Highest water level 65.36, Mar. 27, 1963; lowest water level 67.74, Aug. 5, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|---------|-------------|
| Jan. 30 | 65.46 | July 2 | 66.07 | Sept. 3 | 67.52 | Nov. 27 | 66.63 |
| Mar. 27 | 65.36 | Aug. 5 | 67.74 | Oct. 15 | 66.61 | Dec. 21 | 66.05 |
| May 29 | 65.40 | | | | | | |

19-8-10cb. U.S. Geol. Survey. Drilled observation water-table well, diam ¾ in, depth 72 ft. Highest water level 41.89, Mar. 27, 1963; lowest water level 44.94, Aug. 16, 1961. Records available: 1960-63. Mar. 27, 41.89; July 2, 42.32; Aug. 5, 44.40; Sept. 3, 44.47; Oct. 15, 43.46.

19-8-14ad. U.S. Geol. Survey. Drilled observation water-table well, diam ¾ in, depth 81 ft. Highest water level 27.21, Sept. 30, 1960; lowest water level 45.65, Sept. 3, 1963. Records available: 1960-63. Mar. 27, 45.08; July 2, 45.24; Aug. 5, 45.34; Sept. 3, 45.65; Oct. 15, 45.64.

19-8-15bc. U.S. Bureau of Reclamation. Observation water-table well, depth 19.5 ft. Highest water level 7.9, Apr. 11, 1960; lowest water level 14.35, Aug. 5, 1963. Records available: 1960-63. Mar. 27, 12.22; July 2, 12.51; Aug. 5, 14.35; Sept. 3, 13.54; Oct. 15, 13.40.

19-8-16cc. Charles J. Dresch. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 165 ft. Highest water level 43.66, May 8, 1951; lowest water level 47.84, Sept. 8, 1960. Records available: 1948-63. Nov. 27, 44.93; Dec. 21, 44.77.

19-8-18aa. U.S. Bureau of Reclamation. Observation water-table well, depth 18 ft. Highest water level 7.4, Apr. 11, 1960; lowest water level 13.74, May 17, 1961. Records available: 1960-63. Mar. 27, 13.05; July 2, 13.59; Aug. 5, 8.56; Sept. 3, 8.75; Oct. 15, 9.08.

19-8-24cb. U.S. Geol. Survey. Jetted observation water-table well, diam ¾ in, depth 27 ft. Highest water level 1.26, Feb. 12, 1962; lowest water level 2.90, July 2, 1963. Records available: 1960-63. Mar. 27, 1.68; July 2, 2.90; Aug. 5, 1.60; Sept. 3, 1.88; Oct. 15, 2.13.

19-8-24dd. U.S. Bureau of Reclamation. Observation well, depth 18 ft. Highest water level 5.0, Apr. 11, 1960; lowest water level 9.45, Sept. 26, Oct. 19, 1961. Records available: 1960-63. Mar. 27, 7.90; July 2, 8.47; Aug. 5, 8.12; Sept. 3, 7.54; Oct. 15, 8.45.

Boone County--Continued

19-8-26ad. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 12 ft. Lsd, 1,796.36 ft above msl. Highest water level 8.67, June 4, 1962; lowest water level 11.55, Aug. 16, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|---------|-------------|
| Jan. 30 | 9.33 | July 2 | 10.00 | Sept. 3 | 10.90 | Nov. 27 | 9.78 |
| Mar. 27 | 9.09 | Aug. 5 | 11.00 | Oct. 15 | 9.63 | Dec. 21 | 9.70 |
| May 29 | 9.45 | | | | | | |

20-6-23bb. W. W. Redler. Drilled irrigation water-table well in sand and gravel, diam 22 in, depth 100 ft. Highest water level 28.15, July 25, 1950; lowest water level 33.74, Oct. 16, 1963. Records available: 1948-58, 1960-63. Oct. 16, 33.74.

21-7-26ca. U.S. Geol. Survey. Drilled observation water-table well in loess, diam 3 in, depth 24 ft. Highest water level 14.13, Aug. 22, 1950; lowest water level 21.07, Oct. 14, 1938. Records available: 1936-42, 1948-51, 1953, 1955-58, 1960-63. Oct. 16, 18.25.

Box Butte County

24-47-1db. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 19 ft. Lsd, 3,909.4 ft above msl. Highest water level 11.14, Mar. 25, 1948; lowest water level 13.36, Oct. 17, 1955. Records available: 1946-63. Oct. 30, 13.11.

24-48-1ldd. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 14 ft. Lsd, 3,930.2 ft above msl. Highest water level 3.81, July 14, 1949; lowest water level 8.04, Oct. 13, 1956. Records available: 1946-63. Oct. 30, 6.82.

25-48-4ddd1. U.S. Geol. Survey. Drilled observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 98 ft. Lsd, 4,032.95 ft above msl. Highest water level 63.14, Jan. 25, 1950; lowest water level 83.18, Oct. 30, 1963. Records available: 1946-63. Oct. 30, 83.18.

25-48-25bb. Dr. George Burnham. Drilled unused water-table well in sand, diam 18 in, depth 161 ft. Lsd, 3,990.8 ft above msl. Highest water level 70.76, Mar. 29, 1946; lowest water level 93.78, Oct. 11, 1960. Records available: 1946-63. Oct. 30, 91.74.

Box Butte County--Continued

25-48-27db. Andrew Pepplar. Drilled irrigation water-table well in sand, diam 24 in, depth 155 ft. Lsd, 4,001.37 ft above msl. Highest water level 67.90, May 13, 1946; lowest water level 94.00, Oct. 12, 1960. Records available: 1946-51, 1953, 1955-63. Oct. 30, 88.64.

26-47-17dd. David R. Lawrence. Drilled unused water-table well in sand, diam 6 in, depth 129 ft. Lsd, 3,985.32 ft above msl. Highest water level 52.35, May 11, 1949; lowest water level 76.43, Oct. 11, 1960. Records available: 1946-53, 1955-58, 1960, 1962-63. Oct. 30, 74.27.

26-47-35dd. U.S. Geol. Survey. Driven observation water-table well in sandstone, diam 1½ in. Lsd, 3,900.9 ft above msl. Highest water level 11.83, Mar. 26, 1948; lowest water level 15.64, Oct. 30, 1963. Records available: 1946-58, 1960-63. Oct. 30, 15.64.

26-52-10bc. G. E. Dyer. Drilled irrigation water-table well in sandstone, diam 24 in, depth 198 ft. Lsd, 4,436 ft above msl. Highest water level 93.37, July 22, 1938; lowest water level 105.56, Sept. 19, 1954. Records available: 1938-40, 1942, 1946-58, 1960-63. Oct. 30, 93.89.

27-51-6bb. Louis Homrighausen. Drilled unused water-table well in sandstone, diam 6 in, depth 225 ft. Lsd, 4,493.56 ft above msl. Highest water level 196.52, Oct. 17, 1962; lowest water level 225.13, Oct. 11, 1960. Records available: 1946-63. Oct. 30, 201.00.

28-51-6dd2. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 15 ft. Highest water level 2.37, Mar. 21, 1953; lowest water level 4.73, Sept. 19, 1954. Records available: 1953-63. Oct. 30, 4.05.

Boyd County

32-10-1cc. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 15 ft. Highest water level 7.31, Nov. 14, 1956; lowest water level 10.18, Oct. 30, 1940. Records available: 1935-42, 1946, 1953, 1956-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 9.55 | July 12 | 9.82 | Sept. 5 | 9.68 | Nov. 26 | 9.68 |
| May 28 | 9.82 | Aug. 7 | 9.60 | Oct. 23 | 9.49 | Dec. 20 | 8.64 |

Boyd County--Continued

33-9-24bb. U.S. Geol. Survey. Bored observation water-table well, diam $1\frac{1}{4}$ in, depth 26 ft. Highest water level 2.28, July 17, 1962; lowest water level 10.49, Dec. 20, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 8.80 | July 12 | 9.47 | Sept. 5 | 9.69 | Nov. 26 | 10.36 |
| May 28 | 8.95 | Aug. 7 | 9.30 | Oct. 23 | 10.11 | Dec. 20 | 10.49 |

33-10-23ab. U.S. Geol. Survey. Driven and bored observation water-table well, diam $1\frac{1}{4}$ in, depth 25 ft. Highest water level 7.96, July 17, 1962; lowest water level 11.74, Sept. 29, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 10.60 | July 12 | 11.23 | Sept. 5 | 11.36 | Nov. 26 | 11.70 |
| May 28 | 10.83 | Aug. 7 | 10.93 | Oct. 23 | 11.65 | Dec. 20 | 11.68 |

33-11-15aa. U.S. Geol. Survey. Driven and bored observation water-table well, diam $1\frac{1}{4}$ in, depth 25 ft. Highest water level 5.70, June 27, 1962; lowest water level 10.26, Aug. 7, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 8.68 | July 12 | 8.92 | Sept. 5 | 9.86 | Nov. 26 | 9.93 |
| May 28 | 8.83 | Aug. 7 | 10.26 | Oct. 23 | 10.03 | Dec. 20 | 9.92 |

33-13-9ca. E. M. Engelhaupt. Dug abandoned well, diam 24 in, depth 27 ft. Highest water level 6.83, July 17, 1962; lowest water level 19.08, Oct. 31, 1940. Records available: 1934-42, 1946, 1956-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 8.02 | July 12 | 8.65 | Sept. 5 | 11.18 | Nov. 26 | 11.08 |
| May 28 | 7.56 | Aug. 7 | 8.99 | Oct. 23 | 11.14 | Dec. 20 | 10.67 |

34-12-35dc. U.S. Geol. Survey. Driven and bored observation water-table well, diam $1\frac{1}{4}$ in, depth 29.60 ft. Highest water level 13.00, July 17, 1962; lowest water level 18.09, Dec. 20, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 16.81 | July 12 | 17.38 | Sept. 4 | 17.47 | Nov. 26 | 17.80 |
| May 28 | 17.02 | Aug. 7 | 16.98 | Oct. 23 | 17.84 | Dec. 20 | 18.09 |

Boyd County--Continued

34-13-10ad. Adam Christman. Dug abandoned stock well in sand and gravel, diam 12 in, depth 18 ft. Highest water level 11.03, July 11, 1935; lowest water level 17.39, Nov. 14, 1956. Records available: 1934-42, 1946, 1956-63. May 28, 13.15; July 12, 13.73; Sept. 5, 13.56; Oct. 23, 13.77; Nov. 26, 14.14; Dec. 20, 14.28.

34-13-21bd. Village of Butte, Nebr. Drilled public-supply well, diam 10 in, depth 66 ft. Highest water level 28.81, Nov. 14, 1962; lowest water level 46.54, Sept. 29, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 30.08 | July 12 | 30.44 | Sept. 5 | 29.56 | Nov. 26 | 37.34 |
| May 28 | 30.21 | Aug. 7 | 30.71 | Oct. 23 | 36.15 | Dec. 20 | 37.84 |

Brown County

29-21-6cd. R. Anderson. Dug and drilled observation water-table well in sand, diam 6 ft, depth 85 ft. Highest water level 0.50, Apr. 4, 1952; lowest water level 9.00, June 17, 1945. Records available: 1944-45, 1947-63. Nov. 12, 4.66.

29-21-17cc. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 17 ft. Lsd, 2,537.95 ft above msl. Highest water level +0.56, Apr. 4, 1952; lowest water level 3.43, Oct. 30, 1956. Records available: 1950-57, 1959-63. Nov. 12, 1.86.

29-22-15dcd. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 16 ft. Lsd, 2,581.66 ft above msl. Highest water level 1.88, Jan. 17, 1952; lowest water level 6.72, Oct. 30, 1956. Records available: 1950-57, 1959-63. Nov. 12, 5.70.

29-23-1bb. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 15 ft. Lsd, 2,593.64 ft above msl. Highest water level 2.33, Oct. 5, 1951; lowest water level 7.31, Sept. 13, 1955. Records available: 1950-57, 1959-63. Nov. 13, 5.13.

*30-21-19cc. Consumers Public Power District. Drilled unused water-table well in sand, diam 6 in, depth 57 ft. Lsd, 2,509.07 ft above msl. Highest water level 34.40, Oct. 23-25, 29, 1952; lowest water level 40.88, Sept. 24, 1959. Records available: 1947-63.

*Recording gage.

Brown County--Continued

30-21-19cc--continued.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 10 | 36.13 | June 30 | 36.94 | Sept. 30 | 37.36 | Nov. 14 | h37.04 |
| Apr. 30 | 36.67 | July 31 | 37.21 | Oct. 10 | 37.26 | Dec. 26 | h37.12 |
| May 25 | 36.84 | Aug. 31 | 37.70 | | | | |

30-22-11bb. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 3/4 in, depth 94 ft. Lsd, 2,518.52 ft above msl. Highest water level 61.36, June 15, 1954; lowest water level 65.53, May 8, 1962. Records available: 1953-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Jan. 16 | g64.05 | Apr. 17 | g64.06 | Aug. 23 | g64.49 | Nov. 12 | 64.30 |
| Feb. 27 | g64.14 | June 21 | g64.21 | Oct. 2 | g64.49 | Dec. 4 | g64.31 |
| Mar. 19 | g64.32 | July 31 | g64.49 | 25 | g64.39 | | |

30-22-15cc. Kennedy. Drilled irrigation water-table well in sand, depth 70 ft. Lsd, 2,538.20 ft above msl. Highest water level 37.94, Dec. 31, 1952, lowest water level 48.87, Oct. 17, 1949. Records available: 1947-63. Nov. 12, 41.87.

30-22-16cd. Kennedy. Drilled irrigation water-table well in sand, diam 18 in, depth 69 ft. Lsd, 2,547.28 ft above msl. Highest water level 38.84, Nov. 17, 1952; lowest water level 43.84, Oct. 21, 1959. Records available: 1947, 1950-56, 1958-63. Nov. 12, 42.04.

30-22-23dc. Quinn. Water-table well, diam 18 in. Lsd, 2,527.78 ft above msl. Highest water level 35.02, Apr. 4, 1952; lowest water level 38.78, Nov. 16, 1960. Records available: 1948, 1950-63. Nov. 12, 36.42.

30-22-27dc. T. S. Bower. Drilled irrigation water-table well in sand and gravel, diam 9 in, depth 59 ft. Lsd, 2,533.79 ft above msl. Highest water level 12.40, July 5, 1951; lowest water level 19.11, Sept. 13, 1955. Records available: 1934-45, 1947-57, 1959-63. Nov. 12, 16.15.

30-23-13bc. M. A. Miles. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 80 ft. Lsd, 2,572.7 ft above msl. Highest water level 35.75, Apr. 23, 1952; lowest water level 39.50, Nov. 20, 1944. Records available: 1941, 1944, 1947-63. Nov. 13, 37.07.

Brown County--Continued

30-23-21bc. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 13 ft. Lsd, 2,583.47 ft above msl. Highest water level 0.29, Apr. 23, 1952; lowest water level 4.15, Dec. 1, 1961. Records available: 1950-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 16 | g1.87 | Apr. 17 | g1.57 | July 30 | g0.63 | Oct. 24 | g1.77 |
| Feb. 26 | g1.22 | May 22 | g1.95 | Aug. 21 | g1.86 | Nov. 13 | 1.80 |
| Mar. 13 | g1.21 | June 20 | g0.73 | Sept. 27 | g1.49 | Dec. 3 | g1.51 |

30-24-15aa. Owner unknown. Drilled observation water-table well in sand, diam 4 in, depth 111 ft. Lsd, 2,603.10 ft above msl. Highest water level 77.96, Nov. 17, 1952; lowest water level 79.92, Oct. 17, 1950. Records available: 1950-52, 1957-58, 1961-63. May 20, 79.20; Nov. 13, 79.10.

Buffalo County

8-15-3bcc. Ed Smallcomb. Water-table well. Highest water level 15.10, Nov. 7, 1958 and May 13, 1960; lowest water level 20.3, Oct. 16, 1959. Records available: 1948, 1956-63. Apr. 29, g15.37; Oct. 1, g18.07.

8-15-8ba. Owner unknown. Dug and drilled irrigation water-table well in sand, diam 24 in, depth 48 ft. Lsd, 2,128.67 ft above msl. Highest water level 12.12, Mar. 29, 1947; lowest water level 17.36, Oct. 19, 1956. Records available: 1947-53, 1955-63. Apr. 29, g13.94; Oct. 1, g16.28.

8-18-1cc. Owner unknown. Drilled irrigation water-table well in sand, diam 36 in, depth 26 ft. Lsd, 2,228.59 ft above msl. Highest water level 2.22, Mar. 29, 1948; lowest water level 4.23, Sept. 26, 1958. Records available: 1947-53, 1956, 1958-63. May 3, g2.98; Oct. 3, g3.30.

8-18-3ab. Owner unknown. Drilled irrigation water-table well in sand, depth 33 ft. Lsd, 2,244.77 ft above msl. Highest water level 8.85, May 7, 1951; lowest water level 12.00, Oct. 21, 1960. Records available: 1947-51, 1956, 1958-63. May 3, g9.28; Oct. 3, g10.23.

9-13-5cb. F. M. Scott. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 52 ft. Lsd, 2,050.13 ft above msl. Highest water level 16.54, May 20, 1931; lowest water level 29.05, Oct. 19, 1956. Records available: 1930-63. Apr. 29, g22.80; Oct. 2, g26.45.

Buffalo County--Continued

9-13-9cc. B. F. Smith. Drilled irrigation water-table well in gravel, diam 24 in, depth 61 ft. Lsd, 2,038.95 ft above msl. Highest water level 10.87, July 5, 1949; lowest water level 23.25, Oct. 19, 1956. Records available: 1930-40, 1945-53, 1955-63. Apr. 29, g16.03; Oct. 1, g20.84.

9-13-13ab. Dawson. Drilled irrigation water-table well in sand, diam 18 in, depth 82 ft. Lsd, 2,021.60 ft above msl. Highest water level 17.10, Oct. 2, 1952; lowest water level 24.19, Oct. 18, 1956. Records available: 1947-53, 1955-63. Apr. 26, g20.22; Oct. 1, g23.75.

9-13-17cc. Harvey Lippincott. Drilled irrigation water-table well in sand, diam 18 in, depth 42 ft. Lsd, 2,051.75 ft above msl. Highest water level 14.80, May 4, 1951; lowest water level 25.11, Oct. 19, 1956. Records available: 1947-53, 1955-63. Apr. 29, g17.24; Oct. 1, g23.22.

9-13-26aa. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 29 ft. Lsd, 2,019.78 ft above msl. Highest water level 3.84, Apr. 12, 1949; lowest water level 9.3, Sept. 27, 1961. Records available: 1947-50, 1953, 1955-63. Apr. 29, g7.64.

9-13-28cb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 44 ft. Lsd, 2,037.09 ft above msl. Highest water level 3.69, Mar. 19, 1952; lowest water level 7.94, Oct. 19, 1956. Records available: 1947-48, 1951-53, 1955-63. Apr. 29, g4.87; Oct. 1, g6.62.

*9-14-1dc. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 37 ft. Lsd, 2,060.43 ft above msl. Highest water level 15.36, June 11, 1952; lowest water level 27.22, Aug. 25, 1957. Records available: 1946-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 21.18 | Apr. 30 | 20.85 | July 31 | 23.70 | Oct. 31 | 24.00 |
| Feb. 28 | 21.05 | May 31 | 20.66 | Aug. 31 | 23.49 | Nov. 30 | 23.90 |
| Mar. 31 | 20.98 | June 30 | 20.67 | Sept. 30 | 24.15 | Dec. 31 | 23.83 |

9-14-4cc. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 29 ft. Lsd, 2,087.47 ft above msl. Highest water level 17.58, July 5, 1949; lowest water level dry, Oct. 17, 1955, Oct. 19, 1956, and June 3, 1957. Records available: 1946-63. Apr. 29, g22.76; Oct. 2, g26.22.

9-14-19dd. Robert D. Lewis. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 54 ft. Lsd, 2,102.16 ft above msl. Highest water level 22.55, June 9, 1931; lowest water level 34.70, Sept. 15, 1956 and Aug. 19, 1957. Records available: 1930-63.

*Recording gage.

Buffalo County--Continued

9-14-19dd--continued.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 17 | 27.90 | Apr. 18 | 27.60 | July 17 | 30.70 | Oct. 23 | 32.00 |
| Feb. 18 | 27.60 | May 20 | 27.35 | Aug. 19 | 34.05 | Nov. 18 | 31.60 |
| Mar. 20 | 27.70 | June 15 | 27.30 | Sept. 17 | 33.00 | Dec. 4 | 31.60 |

9-14-22bb. S. M. Doty. Drilled irrigation water-table well in clay, diam 18 in. Lsd, 2,079.81 ft above msl. Highest water level 15.00, July 11, 1947; lowest water level 24.22, Sept. 23, 1957. Records available: 1946-51, 1953-63. Apr. 29, g19.00; Oct. 1, g22.35.

9-14-25ba. B. Chapman. Drilled irrigation water-table well in sand, diam 18 in, depth 40 ft. Lsd, 2,060.84 ft above msl. Highest water level 11.32, May 4, 1951; lowest water level 19.50, Oct. 19, 1956. Records available: 1947-53, 1955-63. Apr. 29, g13.40; Oct. 1, g18.84.

9-14-31bb. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 58 ft. Lsd, 2,098.48 ft above msl. Highest water level 14.12, Mar. 29, 1947; lowest water level 22.46, Oct. 19, 1956. Records available: 1947-53, 1955-63. Apr. 29, g15.97; Oct. 1, g20.86.

9-14-34bb2. Ed Sidwell. Irrigation water-table well. Highest water level 11.65, May 13, 1960; lowest water level 16.47, Oct. 1, 1963. Records available: 1957-63. Oct. 1, g16.47.

9-15-11cb. Charles Aldeen. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 53 ft. Lsd, 2,117.20 ft above msl. Highest water level 23.67, July 11, 1947; lowest water level 38.07, Oct. 19, 1956. Records available: 1932-42, 1944-63. Apr. 29, g30.98; Oct. 2, g35.84.

9-15-13bc. C. O. Newland. Drilled irrigation water-table well in sand, diam 24 in, depth 63 ft. Lsd, 2,107.97 ft above msl. Highest water level 23.22, Mar. 29, 1948; lowest water level 34.36, Oct. 19, 1956. Records available: 1947-53, 1955-63. Apr. 29, g27.34; Oct. 2, g31.05.

9-15-34bb. J. W. Wolford. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 48 ft. Lsd, 2,119.78 ft above msl. Highest water level 16.60, June 16, 1931; lowest water level 27.17, Oct. 19, 1956. Records available: 1930-37, 1939, 1945-63. Apr. 29, g22.06; Oct. 1, g25.71.

Buffalo County--Continued

9-16-13bc. Lawrence Richter. Drilled irrigation water-table well in sand, diam 18 in, depth 110 ft. Lsd, 2,153.47 ft above msl. Highest water level 26.64, Mar. 1, 1950; lowest water level 36.99, Sept. 23, 1957. Records available: 1948-63. Apr. 29, g30.40; Oct. 2, g36.15.

9-17-31cd. U.S. Geol. Survey. Driven observation water-table well in silt, diam 1½ in. Lsd, 2,236.73 ft above msl. Highest water level 8.02, Oct. 7, 1946; lowest water level 14.22, Dec. 2, 1953. Records available: 1946-57, 1959-63. May 3, g13.67; Oct. 3, g12.93.

9-18-30ab. Owner unknown. Drilled irrigation water-table well in sand, diam 60 in, depth 28 ft. Lsd, 2,275.28 ft above msl. Highest water level 2.90, Apr. 13, 1949; lowest water level 9.87, Oct. 3, 1963. Records available: 1947-53, 1958-63. May 3, g4.13; Oct. 3, g9.87.

9-18-33dc. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 28 ft. Lsd, 2,256.81 ft above msl. Highest water level 9.06, Apr. 13, 1949; lowest water level 12.97, Oct. 3, 1963. Records available: 1947-52, 1954, 1956, 1958-63. May 3, g10.01; Oct. 3, g12.97.

10-13-21cc. Mrs. Susan MacMullen. Drilled irrigation water-table well in sand, diam 18 in, depth 50 ft. Lsd, 2,046.87 ft above msl. Highest water level 24.67, Mar. 3, 1952; lowest water level 36.35, Sept. 24, 1957. Records available: 1947-48, 1950-53, 1955-63. May 1, g31.20; Oct. 2, g36.05.

10-13-24bc. B. M. Bentley. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 52 ft. Lsd, 2,214.17 ft above msl. Highest water level 17.91, May 13, 1931; lowest water level 32.14, Oct. 2, 1963. Records available: 1930-40, 1944, 1946-63. May 1, g29.12; Oct. 2, g32.14.

Butler County

A13-2-30bc. George McGowan. Drilled irrigation well, diam 18 in, depth 128 ft. Highest water level 58.89, June 18, 1953; lowest water level 61.85, Nov. 7, 1961. Records available: 1953, 1959-63. Oct. 15, 61.59.

*A15-1-27dd. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 5 in, depth 210 ft. Highest water level 86.86, July 17, 1959; lowest water level 108.63, July 23, 1961. Records available: 1958-63.

*Recording gage.

Butler County--Continued

A15-1-27dd--continued.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 91.73 | Apr. 30 | 91.41 | July 31 | 95.98 | Oct. 31 | 91.01 |
| Feb. 28 | 91.66 | May 31 | 90.85 | Aug. 31 | 91.92 | Nov. 30 | 91.22 |
| Mar. 31 | 91.41 | June 30 | 90.80 | Sept. 30 | 91.22 | Dec. 31 | 90.88 |

A16-2-14cc. U.S. Geol. Survey. Driven observation water-table well in fine sand, diam $1\frac{1}{4}$ in, depth 13 ft. Lsd, 1,419.64 ft above msl. Highest water level 2.68, Apr. 2, 1952; lowest water level 10.51, Nov. 29, 1956. Records available: 1946-63. Oct. 8, 6.33.

A16-3-1dc. Anthony J. Viglicky. Drilled irrigation water-table well in sand and gravel, diam 36 in, depth 37 ft. Lsd, 1,376.67 ft above msl. Highest water level 7.34, Apr. 2, 1952; lowest water level 15.25, Dec. 11, 1955. Records available: 1946-55, 1957-63. Oct. 8, 12.68.

A17-4-28cd. Edward J. Duda. Driven irrigation water-table well in sand and gravel, diam 22 in, depth 66 ft. Lsd, 1,346.84 ft above msl. Highest water level 19.41, Apr. 2, 1952; lowest water level 24.78, Nov. 29, 1956. Records available: 1946-63. Oct. 8, 22.09.

Burt County

A22-8-35dc. U.S. Geol. Survey. Bored observation water-table well in sandy silt, diam 1 in, depth 20.50 ft. Highest water level 8.52, Oct. 21, 1963; lowest water level 9.28, Dec. 19, 1963. Records available: 1963. Oct. 21, 8.52; Nov. 25, 9.02; Dec. 19, 9.28.

Cass County

A12-9-32ca. John Wiedeman. Drilled unused water-table well in sandstone, diam 3 in, depth 89 ft. Highest water level 34.20, Dec. 11, 1953; lowest water level 43.05, Oct. 15, 1940. Records available: 1934-41, 1944, 1946, 1953-56, 1958-63. Oct. 1, 37.88.

Cedar County

A31-2-3lab. Joe Leise. Dug stock water-table well in gravel, diam 18 in, depth 22 ft. Highest water level 11.64, Oct. 18, 1963; lowest water level 13.39 July 10, 1936. Records available: 1934-40, 1942, 1946, 1953, 1955-56, 1958-63. Oct. 18, 11.64.

Chase County

5-36-7ba. U.S. Geol. Survey. Driven observation water-table well in limestone, diam 1½ in, depth 19 ft. Highest water level 14.93, June 9, 1949; lowest water level 17.15, Oct. 22, 1963. Records available: 1946-63. Feb. 18, g16.92; Apr. 9, g16.85; May 17, g16.68; June 17, g16.55; July 17, g15.44; Oct. 22, 17.15; Nov. 13, g17.14.

5-38-4aa. U.S. Bureau of Reclamation. Jetted observation water-table well in sand and gravel, diam 1½ in, depth 23 ft. Lsd, 3,151.20 ft above msl. Highest water level 10.72, Mar. 31, 1960; lowest water level 13.55, June 26, 1958. Records available: 1949-50, 1954, 1957-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Jan. 28 | g11.66 | Apr. 29 | g11.90 | July 29 | g12.10 | Oct. 29 | g12.02 |
| Feb. 28 | g11.61 | May 29 | g11.90 | Sept. 3 | g12.77 | Nov. 29 | g11.90 |
| Apr. 9 | g11.90 | June 28 | g11.86 | 30 | g12.82 | Dec. 29 | g11.85 |

7-38-20dd. Andrew R. Banks. Drilled unused water-table well in sand and gravel, diam 6 in, depth 100 ft. Highest water level 66.05, Apr. 9, 1963; lowest water level 70.92, Nov. 19, 1942. Records available: 1934-40, 1942-44, 1948-63. Feb. 18, g66.54; Apr. 9, g66.05; May 17, g67.15; June 17, g67.28; July 17, g66.85; Nov. 13, g66.74.

*7-38-28cc. Roy Hust. Drilled unused water-table well in sand, diam 18 in, depth 143 ft. Highest water level 73.66, Apr. 15, 1963; lowest water level 76.93, Aug. 25, Sept. 10, 1957. Records available: 1944, 1946-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 74.20 | Apr. 30 | 74.05 | Aug. 20 | h76.12 | Nov. 30 | 74.46 |
| Feb. 28 | 74.20 | May 31 | d74.41 | Sept. 30 | 75.23 | Dec. 24 | h74.19 |
| Mar. 31 | 74.03 | June 20 | 73.96 | Oct. 31 | 74.80 | | |

*Recording gage.

Cherry County

25-28-1cc. U.S. Geol. Survey. Bored observation water-table well in medium fine to coarse sand, diam $1\frac{1}{4}$ in, depth 15.20 ft. Highest water level 6.98, Oct. 31, 1963; lowest water level 8.50, Oct. 11, 1961. Records available: 1961-63. Oct. 31, 6.98.

27-28-26ad. U.S. Geological Survey. Bored observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 15 ft. Highest water level 4.89, Oct. 18, 1962; lowest water level 6.49, Aug. 27, 1961. Records available: 1961-63. Oct. 31, 5.40.

28-28-1cc. U.S. Geol. Survey. Jetted observation water-table well in sand, diam $\frac{3}{4}$ in, depth 14 ft. Lsd, 2,929.09 ft above msl. Highest water level 1.05, Feb. 5, 1954; lowest water level 6.89, Oct. 11, 1961. Records available: 1950-63. Oct. 31, 6.20.

29-28-1aa. U.S. Geol. Survey. Bored observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 16.75 ft. Lsd, 2,898.13 ft above msl. Highest water level 0.32, Oct. 31, 1963; lowest water level 0.93, Oct. 11, 1961. Records available: 1961-63. Oct. 31, 0.32.

29-28-13aa. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 14 ft. Lsd, 2,926.31 ft above msl. Highest water level 0.61, June 16, 1954; lowest water level 5.71, Oct. 11, 1961. Records available: 1949-63. Oct. 31, 4.35.

30-28-1ad. U.S. Geol. Survey. Jetted observation water-table well in sand, diam $\frac{3}{4}$ in, depth 10 ft. Lsd, 2,878.14 ft above msl. Highest water level 2.50, Apr. 23, 1952; lowest water level 5.17, Nov. 1, 1956. Records available: 1950-63. Oct. 31, 3.99.

30-28-36aaa. U.S. Geol. Survey. Bored observation water-table well in sand and peat, diam $1\frac{1}{4}$ in, depth 12.25 ft. Lsd, 2,897.26 ft above msl. Highest water level +0.08, Oct. 31, 1963; lowest water level 0.71, Oct. 11, 1961. Records available: 1961-63. Oct. 31, +0.08.

31-25-21bd. U.S. Geol. Survey. Jetted observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 20 ft. Lsd, 2,685.61 ft above msl. Highest water level 0.10, Mar. 27, 1952; lowest water level 6.38, Sept. 12, 1936. Records available: 1936-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 14 | g3.15 | Apr. 15 | g0.50 | July 25 | g3.43 | Oct. 18 | g4.15 |
| Feb. 18 | g1.99 | May 17 | g2.02 | Aug. 16 | g3.92 | Nov. 13 | 3.97 |
| Mar. 15 | g1.69 | June 14 | g1.44 | Sept. 26 | g3.69 | 15 | g3.97 |

Cherry County--Continued

31-25-33dd. U.S. Geol. Survey. Jetted observation water-table well in sand, diam $3/4$ in, depth 14 ft. Lsd, 2,695.20 ft above msl. Highest water level 1.14, June 16, 1954; lowest water level 6.27, Oct. 31, 1956. Records available: 1950-56, 1961-63. Nov. 13, 4.92.

31-30-29ca. U.S. Geol. Survey. Jetted observation water-table well in sand, diam $3/4$ in. Lsd, 2,952.9 ft above msl. Highest water level 93.56, Sept. 4, 1963; lowest water level 96.43, Oct. 10, 1950. Records available: 1950-55, 1957-63. June 25, 94.00; Sept. 4, 93.56.

32-27-18cb. U.S. Geol. Survey. Jetted observation water-table well in sand, diam $3/4$ in, depth 17 ft. Lsd, 2,781.3 ft above msl. Highest water level 5.25, Oct. 18, 1962; lowest water level 8.50, Oct. 22, 1959. Records available: 1950-63. Oct. 31, 6.61.

32-27-30cc. U.S. Geol. Survey. Driven and bored observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 17.75 ft. Lsd, 2,829.24 ft above msl. Highest water level 1.68, Sept. 12, 1951; lowest water level 5.83, Aug. 27, 1961. Records available: 1950-59, 1961-63. Oct. 31, 3.83.

33-27-17cb. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 9 ft. Lsd, 2,408.92 ft above msl. Highest water level 1.52, Dec. 29, 1951; lowest water level 3.38, Aug. 9, 1937. Records available: 1936-48, 1950-63. Oct. 31, 2.05.

34-27-31da. U.S. Geol. Survey. Drilled unused water-table well in sand, diam 2 in, depth 128 ft. Highest water level 97.89, Nov. 22, 1957; lowest water level 100.39, Oct. 19, 1941. Records available: 1934-41, 1944-47, 1957-63. Oct. 31, 97.90.

34-36-1dc. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 21 ft. Highest water level 4.46, June 6, 1935; lowest water level 9.54, Oct. 1, 1941. Records available: 1934-45, 1947, 1951-63. Oct. 31, 7.65.

34-38-14bc. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1 in, depth 17 ft. Highest water level 5.20, Apr. 2, 1952; lowest water level 8.14, Aug. 9, 1937. Records available: 1936-41, 1944-47, 1951-63. May 20, 6.11; Oct. 31, 7.17.

Cheyenne County

13-50-3cb. Carl Olson. Drilled irrigation water-table well, diam 18 in, depth 100 ft. Lsd, 4,159.3 ft above msl. Highest water level 46.29, May 23, 1952; lowest water level 58.06, Oct. 9, 1960. Records available: 1951-52, 1957-63. Oct. 29, 52.68.

13-51-10aa. Sam Chambers. Drilled irrigation water-table well, diam 22 in, depth 95 ft. Lsd, 4,251.1 ft above msl. Highest water level 36.55, May 23, 1952; lowest water level 41.04, Oct. 16, 1957. Records available: 1951-52, 1957-58, 1961-63. Oct. 29, 39.22.

14-47-26cb. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1 in, depth 29 ft. Lsd, 3,872.80 ft above msl. Highest water level 18.32, Mar. 28, 1951; lowest water level 21.81, Oct. 10, 1956. Records available: 1940-42, 1944, 1947, 1950-52, 1954-63. Oct. 29, 21.13.

14-47-28cb. L. C. Barstow. Drilled irrigation water-table well in sand, diam 18 in, depth 81 ft. Lsd, 3,897 ft above msl. Highest water level 11.73, May 29, 1952; lowest water level 14.63, Oct. 8, 1960. Records available: 1951-53, 1957, 1959-63. Oct. 29, 13.76.

14-48-27cc. Frank Partrey. Drilled irrigation water-table well in sand, diam 20 in, depth 110 ft. Highest water level 33.47, Mar. 29, 1951; lowest water level 42.40, Oct. 10, 1956. Records available: 1950-63. Oct. 29, 38.31.

14-49-25cd. George Schnell. Drilled irrigation water-table well in sand, diam 36 in, depth 90 ft. Lsd, 4,024.1 ft above msl. Highest water level 14.57, May 29, 1952; lowest water level 17.07, Oct. 9, 1960. Records available: 1951-52, 1957, 1960-63. Oct. 29, 16.80.

14-49-34bb. Harry Garner. Drilled irrigation water-table well in sand, diam 18 in, depth 100 ft. Highest water level 24.27, Mar. 29, 1951; lowest water level 25.57, Aug. 8, 1951. Records available: 1950-56, 1960-63. Oct. 29, 25.46.

14-50-27cc. Henry Haupt. Drilled irrigation water-table well in sand, diam 20 in, depth 84 ft. Lsd, 4,146 ft above msl. Highest water level 13.87, May 23, 1952; lowest water level 17.39, Oct. 9, 1960. Records available: 1951-53, 1957-63. Oct. 29, 16.10.

14-50-35ac. F. C. Mather Estate. Drilled irrigation water-table well in gravel, diam 24 in, depth 91 ft. Highest water level 29.16, July 18, 1935; lowest water level 39.04, Oct. 9, 1960. Records available: 1934-40, 1942, 1944, 1947, 1950-52, 1954-57, 1960-63. Oct. 29, 35.93.

Cheyenne County--Continued

14-52-5cb. William Goding. Drilled irrigation water-table well in sand, diam 8 in, depth 55 ft. Highest water level 26.64, June 15, 1935; lowest water level 32.07, Oct. 11, 1956. Records available: 1934-40, 1950-52, 1954-57, 1959-63. Oct. 29, 29.30.

14-52-11ac. Earl Johnson. Drilled irrigation water-table well, diam 18 in, depth 92 ft. Highest water level 27.80, May 22, 1951; lowest water level 48.36, Oct. 11, 1956. Records available: 1950-52, 1954-63. Oct. 29, 27.85.

Clay County

5-5-11ba. Dale Friedline. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 163 ft. Highest water level 77.83, June 24, 1954; lowest water level 82.51, Oct. 9, 1963. Records available: 1954-63. Oct. 9, 82.51.

5-6-26bd. B. W. Merrill. Drilled unused water-table well in sand, diam 4 in, depth 86 ft. Highest water level 74.17, June 24, 1954; lowest water level 80.45, Oct. 9, 1963. Records available: 1948-50, 1952-63. Oct. 9, 80.45.

6-8-17bb. Willard W. Kissinger. Drilled irrigation water-table well in sand, diam 18 in, depth 151 ft. Lsd, 1,846 ft above msl. Highest water level 95.53, June 24, 1954; lowest water level 99.33, Oct. 9, 1963. Records available: 1952, 1954-63. Oct. 9, 99.33.

8-6-12bb. Paul Helzer. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 135 ft. Lsd, 1,769.50 ft above msl. Highest water level 76.80, Apr. 28, 1953; lowest water level 91.34, Nov. 9, 1960. Records available: 1953-63. Oct. 7, 86.81.

8-8-17ab. Ray O'Donnell. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 155 ft. Lsd, 1,884.50 ft above msl. Highest water level 103.57, Apr. 22, 1953; lowest water level 111.27, Sept. 27, 1961. Records available: 1953-63. Oct. 7, 111.19.

Colfax County

A17-2-22dd. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 13 ft. Lsd, 1,385.01 ft above msl. Highest water level 3.49, May 3, 1951; lowest water level 8.25, Nov. 28, 1956. Records available: 1946-63. July 23, 5.72; Aug. 5, 6.06; Sept. 5, 6.42; Oct. 16, 6.45; Oct. 23, 6.51; Nov. 27, 6.70; Dec. 22, 6.80.

A17-3-4cc. U.S. Geol. Survey. Drilled observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 16 ft. Lsd, 1,370.58 ft above msl. Highest water level 4.15, Apr. 1, 1952; lowest water level 7.62, Nov. 28, 1956. Records available: 1946-63. Sept. 5, 6.27; Oct. 16, 6.18; Oct. 23, 6.67; Nov. 27, 6.25; Dec. 22, 6.23.

A17-3-11dd. T. O. Bailey. Drilled irrigation water-table well in sand, diam 16 in, depth 90 ft. Lsd, 1,348.80 ft above msl. Highest water level 7.60, Sept. 25, 1959; lowest water level 12.31, Nov. 6, 1961. Records available: 1946-53, 1958-63. Oct. 16, 12.02.

A17-3-15bc. Owner unknown. Dug and drilled irrigation water-table well in sand, diam 24 in, depth 25 ft. Lsd, 1,358.10 ft above msl. Highest water level 8.41, Dec. 2, 1959; lowest water level 11.65, Nov. 7, 1961. Records available: 1947-49, 1953, 1956, 1958-63. Oct. 16, 10.14.

A17-3-18dc. K. J. Folda. Drilled irrigation water-table well in sand, diam 24 in, depth 61 ft. Lsd, 1,369.12 ft above msl. Highest water level 1.75, Mar. 23, 1948; lowest water level 4.87, Nov. 28, 1956. Records available: 1946-53, 1956, 1958-63. Oct. 16, 4.09.

A17-3-29aa. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{2}$ in. Lsd, 1,360.63 ft above msl. Highest water level 6.97, July 8, 1947; lowest water level 9.35, Nov. 28, 1956. Records available: 1946-53, 1956, 1958-63. July 23, 8.82; Aug. 5, 8.97; Sept. 5, 8.78; Oct. 16, 8.68; Oct. 23, 8.63; Nov. 27, 8.65; Dec. 22, 8.80.

A17-4-4bb. E. Maxes. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 36 ft. Lsd, 1,340.15 ft above msl. Highest water level 9.44, June 3, 1952; lowest water level 18.90, Nov. 28, 1956. Records available: 1945-63. Oct. 16, 15.40.

Cuming County

A22-6-4aa. Art Miller. Drilled irrigation water-table well in sand, diam 18 in, depth 52 ft. Highest water level 7.51, Sept. 1, 1951; lowest water level 11.24, Nov. 13, 1956. Records available: 1950-63. Oct. 17, 10.20.

Cuming County--Continued

A22-6-16ca. Fritz Koch. Drilled irrigation water-table well in sand, diam 18 in, depth 55 ft. Highest water level 1.99, Nov. 7, 1951; lowest water level 9.57, Oct. 27, 1958. Records available: 1951, 1953-63. Oct. 17, 8.41.

A22-6-34bd. City of West Point. Drilled unused water-table well in sand, diam 18 in, depth 42 ft. Highest water level 3.78, Jan. 30, 1952; lowest water level 7.97, Oct. 27, 1958. Records available: 1950-63. Oct. 17, 7.60.

A23-4-14aa. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 20.25 ft. Highest water level 6.10, Nov. 25, 1963; lowest water level 6.43, Dec. 19, 1963. Records available: 1963. Oct. 21, 6.14; Nov. 25, 6.10; Dec. 19, 6.43.

A23-5-36bd. H. Albers. Drilled irrigation water-table well in sand, diam 18 in, depth 52 ft. Highest water level 8.28, Aug. 29, 1951; lowest water level 13.50, Nov. 13, 1956. Records available: 1950-63. Oct. 17, 11.52.

A24-4-30ad. Harry Pumprey. Drilled irrigation water-table well in sand, diam 18 in, depth 42 ft. Highest water level 7.57, Aug. 29, 1951; lowest water level 13.33, Mar. 13, 1957. Records available: 1950-55, 1957-63. Oct. 17, 11.02.

Custer County

13-21-36ca. Jack Lyons. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 123 ft. Highest water level 50.55, May 30, 1951; lowest water level 55.43, Oct. 14, 1958. Records available: 1950-54, 1956, 1958, 1960-63. Nov. 2, 52.14.

18-17-4ac. Ben Tvrdik. Drilled irrigation water-table well in gravel, diam 32 in, depth 108 ft. Lsd, 2,274.18 ft above msl. Highest water level 11.53, Aug. 12, 1954; lowest water level 13.30, June 20, 1956. Records available: 1950-56, 1958-63. Nov. 13, 11.97.

19-17-9ca. R. E. Probert. Drilled irrigation water-table well in gravel, diam 18 in, depth 170 ft. Lsd, 2,335.4 ft above msl. Highest water level 62.4, Oct. 9, 1963; lowest water level 73.99, Aug. 13, 1954. Records available: 1949-63. Apr. 29, g63.1; Oct. 9, g62.4.

Custer County--Continued

19-18-9aa. Leonard Owen. Driven observation water-table well in sand, diam 1½ in, depth 28 ft. Lsd, 2,325.16 ft above msl. Highest water level 10.4, Jan. 15, 1963; lowest water level 14.98, July 16, 1940. Records available: 1934-42, 1945, 1948-55, 1957-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 15 | g10.4 | Apr. 29 | g12.1 | July 9 | g12.6 | Oct. 10 | g12.5 |
| Feb. 13 | g12.0 | May 22 | g12.3 | Aug. 11 | g12.5 | Nov. 21 | g12.6 |
| Mar. 13 | g12.0 | June 3 | g12.3 | Sept. 13 | g12.5 | Dec. 12 | g12.5 |

19-19-2bb. Ralph Slagel. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 69 ft. Lsd, 2,361.95 ft above msl. Highest water level 10.80, Oct. 1, 1962; lowest water level 19.41, Sept. 1, 1954. Records available: 1949-55, 1957-63. Apr. 29, g12.9; Oct. 9, g11.6; Nov. 13, 11.58.

20-17-3bd. Bill Webber. Drilled irrigation water-table well, diam 18 in depth 127 ft. Highest water level 79.48, Oct. 6 1961; lowest water level 80.66 Sept. 24, 1951. Records available: 1950-51, 1957-63. Nov. 13, 79.69.

20-20-29bb. Marvin Price. Drilled irrigation water-table well in sand, diam 18 in, depth 96 ft. Lsd, 2,444.96 ft above msl. Highest water level 30.1, Oct. 7, 1960; lowest water level 34.22, Aug. 10, 1950 and Apr. 5, 1954. Records available: 1950-54, 1957-63. Apr. 29, g32.0; Oct. 7, g31.0.

20-21-10bc. A. C. Turner. Drilled domestic water-table well in sand and gravel, diam 6 in, depth 30 ft. Lsd, 2,476.68 ft above msl. Highest water level 17.78, July 16, 1953; lowest water level 22.81, Aug. 26, 1955. Records available: 1949-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Jan. 15 | g19.9 | Apr. 29 | g19.7 | June 6 | g20.0 | Sept. 4 | g19.2 |
| Feb. 13 | g19.2 | May 22 | g20.2 | Aug. 11 | g19.7 | Oct. 7 | g19.4 |
| Mar. 13 | g18.8 | | | | | | |

Dawes County

29-47-2dca. Anderson. Drilled irrigation water-table well in sand, diam 16 in, depth 265 ft. Highest water level 80.19, Mar. 13, 1956; lowest water level 83.38, Oct. 8, 1959. Records available: 1950-59, 1961-63. Oct. 31, 81.28.

31-52-3dc. T. P. Moody. Drilled observation water-table well in sand, diam 8 in, depth 39 ft. Highest water level 15.87, May 30, 1948; lowest water level 22.28, Oct. 31, 1956. Records available: 1934-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 22 | 20.29 | May 21 | 20.06 | Aug. 26 | 21.36 | Oct. 30 | 21.10 |
| Feb. 19 | 20.32 | June 20 | 20.14 | Sept. 20 | 21.11 | Nov. 27 | 20.73 |
| Mar. 25 | 20.29 | July 22 | 20.78 | Oct. 22 | 21.14 | Dec. 27 | 20.55 |
| Apr. 23 | 20.18 | | | | | | |

Dawson County

9-19-22ba. Tom Brennan. Drilled irrigation water-table well in sand, diam 24 in, depth 57 ft. Lsd, 2,311.79 ft above msl. Highest water level 17.79, Mar. 29, 1947; lowest water level 26.13, Oct. 27, 1959. Records available: 1947-51, 1956, 1959-63. May 3, g20.42; Oct. 3, g24.33.

9-19-3lcc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 32 ft. Highest water level 6.00, Oct. 28, 1962; lowest water level 8.72, June 1, 1956. Records available: 1947-51, 1956, 1959-63. May 3, g6.74; Oct. 3, g8.14.

9-20-3dd. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 18 ft. Lsd, 2,343.38 ft above msl. Highest water level 5.65, Oct. 25, 1951; lowest water level 16.14, Oct. 6, 1959. Records available: 1946-56, 1959-63. May 3, g10.64; Oct. 3, g14.65; Nov. 2, 14.59.

9-20-5bc. Mary Rhoadarmer. Drilled irrigation water-table well in sand, diam 18 in, depth 60 ft. Lsd, 2,373.68 ft above msl. Highest water level 18.45, July 1, 1947; lowest water level 26.81, Oct. 28, 1959. Records available: 1946-53, 1959-63. May 3, g22.37; Oct. 3, g24.21.

9-20-12ab. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 36 ft. Lsd, 2,333.26 ft above msl. Highest water level 9.61, Apr. 16, 1949; lowest water level 15.22, Oct. 28, 1959. Records available: 1947-51, 1956, 1959-63. May 3, g10.12; Oct. 3, g13.35.

Dawson County--Continued

9-20-13bc. J. P. Brick. Drilled irrigation water-table well in gravel and fine sand, diam 18 in, depth 43 ft. Lsd, 2,328.22 ft above msl. Highest water level 6.90, Dec. 3, 1946; lowest water level 14.43, Dec. 3, 1957. Records available: 1930-55, 1957-63. Nov. 2, 12.24.

9-20-25bb. Cadwaller. Drilled irrigation water-table well in sand, diam 6 ft, depth 29 ft. Lsd, 2,320.18 ft above msl. Highest water level 3.71, Apr. 16, 1949; lowest water level 8.57, Oct. 27, 1959. Records available: 1947-50, 1959-63. May 3, g6.53; Oct. 3, g7.20.

9-20-33dd. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 12 ft. Lsd, 2,328.02 ft above msl. Highest water level 2.09, July 7, 1949; lowest water level 5.97, Oct. 28, 1959. Records available: 1946-56, 1959-63. May 3, g3.92; Oct. 3, g5.43; Nov. 2, 5.40.

9-21-12cb. C. B. Myers. Drilled irrigation water-table well in gravel and fine sand, diam 24 in, depth 35 ft. Lsd, 2,369.56 ft above msl. Highest water level 9.18, July 1, 1935; lowest water level 13.47, Oct. 3, 1963. Records available: 1932, 1934-40, 1943-53, 1959-63. May 3, g11.54; Oct. 3, g13.47.

9-21-19aal. U.S. Geol. Survey. Driven observation water-table well in gravel, diam 1½ in, depth 11 ft. Lsd, 2,397.24 ft above msl. Highest water level 1.88, Feb. 25, 1932; lowest water level 5.93, Sept. 17, 1954. Records available: 1930-40, 1942-56, 1959-63. May 3, g5.14; Oct. 3, g5.32.

9-21-24aa. U.S. Geol. Survey. Drilled observation water-table well in gravel, diam 1 in, depth 11 ft. Lsd, 2,358.88 ft above msl. Highest water level 2.05, July 12, 1947; lowest water level 7.15, Dec. 28, 1955. Records available: 1931-43, 1945-55, 1957-63. Nov. 2, 5.96.

9-21-26ab. Joe Resch. Drilled irrigation water-table well in sand, diam 18 in, depth 32 ft. Lsd, 2,367.27 ft above msl. Highest water level 4.55, Mar. 29, 1947; lowest water level 8.56, June 1, 1956. Records available: 1947-51, 1956, 1959-63. May 3, g5.90; Oct. 3, g6.85.

9-21-31dd. Central Nebraska Public Power and Irrigation District. Driven observation water-table well in alluvium, diam 2 in, depth 22 ft. Lsd, 2,387.77 ft above msl. Highest water level 4.16, Oct. 8, 1946; lowest water level 19.82, Nov. 5, 1940. Records available: 1939-55, 1960-63. Nov. 2, 7.44.

9-22-33aa. C. J. Magnuson. Drilled unused water-table well in sand, diam 3 in, depth 88 ft. Lsd, 2,508.69 ft above msl. Highest water level 24.58, Nov. 1, 1962; lowest water level 34.56, May 10, 1949. Records available: 1949-58, 1960-63. Nov. 2, 24.71.

Dawson County--Continued

9-23-2dc. Leo Neil. Drilled irrigation water-table well in sand, diam 24 in, depth 53 ft. Lsd, 2,464.22 ft above msl. Highest water level 14.05, July 14, 1947; lowest water level 18.24, Aug. 9, 1946. Records available: 1945-58, 1960-63. Nov. 2, 14.62.

9-23-2lbb. Oscar Weissert. Drilled unused water-table well in sand and gravel, diam 3 in, depth 253 ft. Lsd, 2,683.70 ft above msl. Highest water level 152.17, Nov. 1, 1962; lowest water level 170.74, May 11, 1949. Records available: 1949-63. Nov. 2, 152.88.

9-24-1dc. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 36 ft. Highest water level 8.65, Nov. 2, 1963; lowest water level 17.90, Sept. 7, 1946. Records available: 1946-55, 1960-63. Nov. 2, 8.65.

10-20-2lcb. Harry Hill. Drilled irrigation water-table well in sand, diam 24 in, depth 55 ft. Lsd, 2,385.87 ft above msl. Highest water level 22.33, July 12, 1947; lowest water level 31.60, Oct. 28, 1959. Records available: 1946-53, 1959-63. May 3, g25.81; Oct. 3, g28.87.

10-20-35bb. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 26 ft. Lsd, 2,358.5 ft above msl. Highest water level 14.80, July 12, 1947; lowest water level f24.85, Dec. 3, 1957. Records available: 1946-63. Nov. 2, 21.11.

10-21-6da. U.S. Geol. Survey. Driven observation water-table well in gravel, diam 1½ in, depth 13 ft. Highest water level 6.43, Aug. 9, 1951; lowest water level 11.88, Sept. 21, 1934. Records available: 1930-36, 1940-55, 1959-63. Nov. 2, 8.77.

10-22-29aa. U.S. Geol. Survey. Drilled observation water-table well in gravel, diam 1 in, depth 12 ft. Lsd, 2,435.14 ft above msl. Highest water level 1.52, July 12, 1947; lowest water level 8.34, Dec. 28, 1955. Records available: 1931-43, 1945-55, 1957-63. Nov. 2, 6.66.

10-23-5bb. Vincent Ogorsolka. Drilled irrigation water-table well in sand, diam 18 in, depth 42 ft. Lsd, 2,493.6 ft above msl. Highest water level 4.29, Dec. 4, 1946; lowest water level 10.99, Dec. 28, 1955. Records available: 1945-55, 1957-63. Nov. 2, 9.72.

10-23-29bb. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 2,480.3 ft above msl. Highest water level 2.02, Oct. 9, 1946; lowest water level 7.84, Oct. 27, 1953 and Dec. 11, 1956. Records available: 1946-58, 1960-63. Nov. 2, 7.61.

Dawson County--Continued

10-24-7bb. F. C. McDowell. Drilled irrigation water-table well in sand, diam 18 in, depth 38 ft. Lsd, 2,542.33 ft above msl. Highest water level 10.35, Oct. 9, 1946; lowest water level 13.52, July 12, 1946. Records available: 1946-58, 1960-63. Nov. 2, 13.02.

11-19-4dd. Robert J. Erwin. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 163 ft. Lsd, 2,373.23 ft above msl. Highest water level 54.18, Nov. 2, 1950; lowest water level 62.47, Aug. 26, 1953. Records available: 1948-54, 1956, 1958, 1960-63. Nov. 2, 57.18.

11-21-3ldd. U.S. Geol. Survey. Drilled observation water-table well in gravel, diam 1 in, depth 57 ft. Lsd, 2,464.41 ft above msl. Highest water level 22.77, Sept. 8, 1947; lowest water level 33.28, July 24, 1940. Records available: 1930-36, 1940-55, 1957-63. Nov. 2, 25.61.

11-23-23cc. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 2,495.6 ft above msl. Highest water level 0.42, Oct. 8, 1946; lowest water level 7.43, Oct. 3, 1958. Records available: 1946-55, 1957-63. Nov. 2, 2.97.

11-24-20ca. J. R. Owings. Drilled irrigation water-table well in fine sand and gravel, diam 36 in, depth 40 ft. Lsd, 2,544.91 ft above msl. Highest water level 9.52, July 12, 1947; lowest water level 15.91, Dec. 28, 1955. Records available: 1932, 1934-42, 1944-55, 1958, 1960-63. Nov. 1, 13.40.

12-22-33ac. William Schmidt. Drilled irrigation water-table well in sand, diam 18 in, depth 165 ft. Highest water level 67.99, Nov. 1, 1962; lowest water level 71.40, Oct. 14, 1958. Records available: 1950-53, 1958, 1960-63. Nov. 2, 69.18.

12-22-33bc. Oscar Rasmussen. Drilled irrigation water-table well in sand, diam 18 in, depth 170 ft. Highest water level 76.85, Nov. 1, 1962; lowest water level 79.94, Oct. 14, 1958. Records available: 1950-53, 1958, 1960-63. Nov. 2, 78.05.

12-25-34cc. John H. Block. Drilled irrigation water-table well in fine sand and gravel, diam 24 in, depth 65 ft. Lsd, 2,611.72 ft above msl. Highest water level 26.80, Aug. 8, 1951; lowest water level 33.02, Dec. 3, 1957. Records available: 1932, 1934-40, 1942, 1944-55, 1957, 1959, 1961-63. Nov. 1, 31.66.

Deuel County

12-43-24bb. Peter Jensen. Drilled unused water-table well in gravel, diam 18 in, depth 78 ft. Lsd, 3,441.73 ft above msl. Highest water level 21.12, Apr. 17, 1951; lowest water level 24.52, Oct. 8, 1960. Records available: 1947-51, 1957-58, 1960-63. Oct. 22, 23.72.

12-44-18bb. P. Nass. Drilled irrigation water-table well in sand, diam 18 in, depth 92 ft. Highest water level 10.60, June 20, 1950; lowest water level 12.13, Oct. 10, 1956. Records available: 1950, 1954-63. Oct. 29, 11.29.

13-41-31cd. H. J. Bayley. Drilled unused water-table well in sand, depth 40 ft. Lsd, 3,370.99 ft above msl. Highest water level 6.19, Apr. 12, 1949; lowest water level 11.92, Oct. 8, 1960. Records available: 1947-51, 1957-58, 1960-63. Oct. 22, 11.10.

13-42-36cb. Roland LaGrange. Drilled unused water-table well in sand and gravel, diam 32 in, depth 26 ft. Lsd, 3,374.01 ft above msl. Highest water level 2.29, Mar. 15, 1948; lowest water level 6.78, Oct. 5, 1961. Records available: 1947-51, 1958, 1960-63. Oct. 22, 6.38.

13-45-23dc. Albert Williams. Drilled irrigation water-table well in sand, diam 18 in, depth 23 ft. Highest water level 11.84, Nov. 19, 1951; lowest water level 16.99, Oct. 12, 1959. Records available: 1950-52, 1954-63. Oct. 29, 16.38.

14-46-33dc2. Myron Carlson Ranches. Drilled unused water-table well in sand, diam 6 in, depth 31 ft. Highest water level 13.19, Sept. 30, 1958; lowest water level 16.66, Oct. 10, 1956. Records available: 1950-52, 1954-63. Oct. 29, 15.42.

Dodge County

A17-5-2bb. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 1,280.94 ft above msl. Highest water level 2.12, May 3, 1951; lowest water level 5.98, Nov. 28, 1956. Records available: 1946-53, 1956, 1958-63. Oct. 10, 3.16.

A17-6-6aa. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 13 ft. Lsd, 1,264.93 ft above msl. Highest water level 0.31, May 3, 1951; lowest water level 5.04, Nov. 28, 1956. Records available: 1936-42, 1944-63. July 23, 3.01; Aug. 5, 3.29; Sept. 5, 3.63; Oct. 10, 2.81; Oct. 23, 2.87; Nov. 27, 2.97; Dec. 22, 2.97.

Dodge County--Continued

A17-8-4aa. City of Fremont. Drilled observation water-table well in gravel, diam 2 in, depth 34 ft. Lsd, 1,197.05 ft above msl. Highest water level 1.31, May 3, 1951; lowest water level 12.21, Feb. 3, 1940. Records available: 1940-53, 1956, 1958-63. Oct. 10, 10.64.

A17-8-28ad. City of Fremont. Drilled observation water-table well in gravel, diam 2 in, depth 19 ft. Lsd, 1,198.44 ft above msl. Highest water level +0.10, Mar. 9, 1950; lowest water level 6.29, Feb. 21, 1940. Records available: 1940-53, 1956, 1958-63. Oct. 3, 2.69.

A18-5-23bb. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 16 ft. Lsd, 1,295.38 ft above msl. Highest water level 5.34, Nov. 6, 1961; lowest water level 8.73, Oct. 11, 1946. Records available: 1946-53, 1958-63. July 23, 6.06; Aug. 5, 6.63; Sept. 5, 6.64; Oct. 10, 5.91; Oct. 23, 5.98; Nov. 27, 6.04; Dec. 22, 6.04.

A18-6-25cc. John R. Sic. Drilled irrigation water-table well in gravel, diam 18 in, depth 37 ft. Lsd, 1,250.21 ft above msl. Highest water level 3.98, May 3, 1951; lowest water level 16.82, July 26, 1955. Records available: 1947-63. Oct. 10, 9.76.

A18-8-28da. City of Fremont. Drilled observation water-table well in gravel, diam 2 in, depth 85 ft. Lsd, 1,262.76 ft above msl. Highest water level 60.86, Oct. 8, 1941; lowest water level 69.12, Nov. 30, 1960. Records available: 1940-63. Oct. 10, 68.70.

A18-8-28dd. City of Fremont. Drilled observation water-table well in gravel, diam 2 in, depth 53 ft. Lsd, 1,217.40 ft above msl. Highest water level 23.63, Oct. 8, 1941; lowest water level 31.92, Feb. 3, 1940. Records available: 1940-53, 1956, 1958-63. Oct. 10, 24.80.

A18-8-33aa. City of Fremont. Drilled observation water-table well in gravel, diam 2 in, depth 38 ft. Lsd, 1,199.56 ft above msl. Highest water level 3.00, Oct. 8, 1941; lowest water level 9.36, Mar. 20, 1940. Records available: 1940-41, 1946-52, 1956, 1960-63. Oct. 18, 5.28.

A19-7-10cb. State of Nebraska. Drilled public-supply water-table well in gravel, diam 12 in, depth 60 ft. Highest water level +0.98, Nov. 6, 1951; lowest water level 4.90, Nov. 13, 1956. Records available: 1950-51, 1953-63. Oct. 17, 2.19.

A19-8-34ba. B. Havekost. Drilled irrigation water-table well, diam 18 in, depth 133 ft. Highest water level 64.59, Nov. 6, 1951; lowest water level 74.31, Mar. 13, 1957. Records available: 1950-63. Oct. 17, 72.12.

Dodge County--Continued

A20-6-14bbd. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 19.50 ft. Highest water level 7.53, Nov. 25, 1963; lowest water level 8.50, Dec. 19, 1963. Records available: 1963. Oct. 21, 7.96; Nov. 25, 7.53; Dec. 19, 8.50.

A20-8-4ccb. Sherman Westlin. Drilled observation water-table well in sand, diam 3 in, depth 172 ft. Highest water level 19.50, Oct. 21, 1963; lowest water level 19.86, Dec. 19, 1963. Records available: 1963. Oct. 21, 19.50; Nov. 25, 19.73; Dec. 19, 19.86.

Dundy County

1-37-31cd. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 12 ft. Lsd, 3,006 ft above msl. Highest water level 3.21, Apr. 5, 1949; lowest water level 7.46, Oct. 23, 1960. Records available: 1946-63. Feb. 12, g5.29; Mar. 28, g5.11; May 16, g6.15; June 17, g6.50; Sept. 2, g6.84; Oct. 22, 6.13; Dec. 4, g5.88.

1-38-27cd. Wagnus Fries. Drilled irrigation water-table well in sand, diam 16 in, depth 63 ft. Highest water level 22.44, June 17, 1963; lowest water level 28.72, Sept. 12, 1955. Records available: 1951-63. Feb. 12, g24.38; Mar. 28, g24.06; May 16, g23.61; June 17, g22.44; Sept. 2, g24.09; Dec. 4, g24.66.

*1-40-29bb. U.S. Geol. Survey. Drilled observation water-table well in silt and clay, diam 8 in, depth 21 ft. Lsd, 3,207 ft above msl. Highest water level 10.12, Aug. 22-23, 1950; lowest water level 14.63, Aug. 18, 20, 25, 1963. Records available: 1946-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 31 | 13.12 | Apr. 30 | 13.08 | July 31 | 14.48 | Sept. 30 | 14.08 |
| Feb. 28 | 13.02 | May 31 | 13.50 | Aug. 31 | 14.50 | Oct. 15 | 13.99 |
| Mar. 31 | 13.01 | June 30 | 13.96 | | | | |

1-41-27ca. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 3,247 ft above msl. Highest water level 2.86, Feb. 8, 1949; lowest water level 6.25, July 25, 1955. Records available: 1946-63. Feb. 12, g4.96; Mar. 28, g5.20; June 17, g6.09; Sept. 2, g5.68; Oct. 22, 5.73; Dec. 4, g5.44.

*Recording gage.

Dundy County--Continued

1-42-13bb. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 13 ft. Lsd, 3,318 ft above msl. Highest water level 3.21, Apr. 5, 1949; lowest water level 6.09, Sept. 12, 1955. Records available: 1946-63. Feb. 12, g4.53; Mar. 28, g4.52; June 17, g5.56; Sept. 2, g5.34; Oct. 22, 5.37; Dec. 4, g5.12.

2-36-31bc. U.S. Geol. Survey. Drilled observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 28 ft. Lsd, 2,916 ft above msl. Highest water level 18.83, June 3, 1952; lowest water level 22.98, Sept. 11, 1956. Records available: 1946-63. Feb. 12, g19.62; Mar. 28, g19.44; May 16, g19.85; June 17, g20.27; Sept. 2, g21.35; Oct. 22, 21.45; Dec. 4, g21.20.

Fillmore County

5-2-28dc. Jack Henricks. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 161 ft. Highest water level 62.34, Dec. 13, 1954; lowest water level 67.20, Oct. 9, 1963. Records available: 1954-63. Oct. 9, 67.20.

*5-4-12bc. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 8 in, depth 100 ft. Highest water level 73.13, June 15, 1957; lowest water level 77.58, Sept. 12, 25, 1963. Records available: 1956-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 76.45 | Apr. 30 | 76.34 | July 31 | 77.02 | Oct. 31 | 77.50 |
| Feb. 28 | 76.51 | May 31 | 76.17 | Aug. 31 | 77.50 | Nov. 30 | 77.47 |
| Mar. 31 | 76.35 | June 30 | 76.20 | Sept. 30 | 77.54 | Dec. 31 | 77.33 |

5-4-33bb. Oscar E. Johnson. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 153 ft. Highest water level 81.36, Dec. 14, 1954; lowest water level 87.49, Oct. 9, 1963. Records available: 1954-63. Oct. 9, 87.49.

6-3-25ad. Kenneth Robare. Drilled irrigation water-table well in sand and gravel, diam 36 in, depth 181 ft. Highest water level 78.80, Mar. 15, 1955; lowest water level 89.03, Sept. 18, 1961. Records available: 1954-63. Oct. 9, 87.60.

7-1-15ad. W. H. Steyer. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 253 ft. Highest water level 84.05, July 6, 1960; lowest water level 89.99, Sept. 18, 1961. Records available: 1954-63. Oct. 8, 86.11.

*Recording gage.

Fillmore County--Continued

7-4-17bd. George Stutzman. Drilled irrigation water-table well in sand, diam 18 in, depth 186 ft. Highest water level 74.96, Mar. 15, 1955; lowest water level 87.61, Sept. 18, 1961. Records available: 1953-63. Oct. 7, 83.27.

8-1-10ad. Otto F. Peterson. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 253 ft. Highest water level 83.03, Mar. 15, 1955; lowest water level 93.02, Sept. 18, 1961. Records available: 1954-63. Oct. 7, 87.05.

*8-2-26ad1. U.S. Geol. Survey. Drilled observation water-table well in loess, diam 8 in, depth 40 ft. Highest water level 15.77, June 22, 1960; lowest water level 24.16, July 10, 1958. Records available: 1956-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 20.26 | Apr. 30 | 20.42 | July 31 | 21.28 | Oct. 31 | 19.83 |
| Feb. 28 | 20.42 | May 31 | 20.48 | Aug. 31 | 20.50 | Nov. 30 | 19.93 |
| Mar. 31 | 19.76 | June 30 | 21.20 | Sept. 30 | 19.43 | Dec. 31 | 20.14 |

8-2-31ca. George C. Meier. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 270 ft. Highest water level 96.10, May 8, 1957; lowest water level 109.29, Sept. 18, 1961. Records available: 1957-63. Oct. 9, 100.86.

8-4-5ab. J. G. Kroeker. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 168 ft. Lsd, 1,699.50 ft above msl. Highest water level 85.82, Apr. 13, 1953; lowest water level 91.83, Sept. 18, 1961. Records available: 1953-63. Oct. 7, 89.72.

Franklin County

1-13-2bc. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 18 ft. Lsd, 1,759.78 ft above msl. Highest water level 5.94, June 22, 1949; lowest water level 9.56, Oct. 8, 1948. Records available: 1946-63. Jan. 7, g8.1; Mar. 25, g7.7; May 14, g8.2; July 11, g9.0; Sept. 12, g8.3; Sept. 17, g8.5; Oct. 21, 8.31.

1-16-14ab. C. Howell. Drilled irrigation water-table well in sand, diam 24 in, depth 80 ft. Lsd, 1,886.95 ft above msl. Highest water level 35.8, May 26, 1960 and July 19, 1962; lowest water level b43.11, Aug. 26, 1955. Records available: 1946-56, 1958-63. Mar. 27, g37.8; May 16, g38.0; July 17, g38.5; Sept. 12, g39.3; Oct. 21, 39.91; Nov. 7, g37.8.

*Recording gage.

Franklin County--Continued

2-14-33dd. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 14 ft. Highest water level 2.00, May 19, 1949; lowest water level 10.02, Sept. 22, 1953. Records available: 1949-63. Jan. 7, g5.1; Mar. 25, g3.8; May 14, g5.4; July 11, g5.0; Sept. 17, g4.3; Oct. 12, g5.5.

Frontier County

5-28-22cc. Lee Waddell. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 252 ft. Highest water level 74.50, Mar. 7, 1963; lowest water level 76.28, Oct. 22, 1960. Records available: 1960-61, 1963. Mar. 7, g74.50.

6-24-4ad. Art Oelkers. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 268 ft. Highest water level 157.00, Mar. 28, 1960 and Mar. 7, 1963; lowest water level 159.02, Oct. 21, 1960. Records available: 1960-61, 1963. Mar. 7, g157.00.

7-27-34cb. Orville Worley. Drilled unused water-table well in sand and gravel, diam 4 in. Highest water level 51.32, Aug. 23, 1934; lowest water level 59.78, Sept. 22, 1961. Records available: 1934-42, 1957-63. Oct. 23, 59.62.

8-24-11ab. Duane Lair. Drilled irrigation water-table well, diam 18 in. Highest water level 195.50, Mar. 7, 1963; lowest water level 204.11, Oct. 30, 1962. Records available: 1960-63. Mar. 7, g195.50; Oct. 23, 203.11.

8-28-21aa. Tom Elson. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 426 ft. Highest water level 144.25, Oct. 30, 1962; lowest water level 149.29, Sept. 22, 1961. Records available: 1960-63. Mar. 7, g144.83; Oct. 23, 146.15.

8-30-13aa. Vance Farrar. Drilled irrigation water-table well, diam 18 in, depth 405 ft. Highest water level 165.15, Oct. 30, 1962; lowest water level 167.90, Mar. 10, 1960. Records available: 1960-63. Mar. 7, g165.50; Oct. 23, 165.91.

Furnas County

3-21-12dc. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 13 ft. Lsd, 2,053 ft above msl. Highest water level 2.5, June 28, 1960; lowest water level 8.58, Nov. 3, 1955. Records available: 1946-63. Feb. 14, g4.6; Apr. 17, g4.6; June 6, g5.5; Oct. 10, g6.6; Oct. 21, 6.48; Dec. 16, g6.1.

Furnas County--Continued

3-22-2ba. U.S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam $1\frac{1}{4}$ in, depth 14 ft. Lsd, 2,116 ft above msl. Highest water level 4.78, July 28, 1947; lowest water level 10.42, Dec. 28, 1956. Records available: 1946-63. Feb. 14, g8.4; Apr. 17, g8.6; June 6, g8.5; Aug. 6, g8.5; Oct. 9, g8.1; Oct. 21, 8.10; Dec. 16, g8.9.

3-25-4bb. U.S. Geol. Survey. Drilled observation water-table well in silt and sand, diam 8 in, depth 22 ft. Lsd, 2,258 ft above msl. Highest water level 3.62, June 20-22, 1949; lowest water level 7.37, Oct. 3, 1946. Records available: 1946-50, 1959-63. Oct. 22, 4.58.

4-22-20cd. U.S. Geol. Survey. Jetted observation water-table well in sand, diam $\frac{3}{4}$ in, depth 27 ft. Lsd, 2,142.88 ft above msl. Highest water level 9.5, Oct. 10, 1962; lowest water level 17.98, May 15, 1951. Records available: 1950-63. Feb. 13, g12.5; Apr. 17, g12.5; June 6, g12.9; Aug. 6, g11.3; Oct. 9, g12.6; Dec. 13, g13.3.

4-22-29ad. U.S. Geol. Survey. Drilled observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 23 ft. Lsd, 2,134 ft above msl. Highest water level 5.60, Aug. 26, 1958; lowest water level 17.60, Aug. 13, 1946. Records available: 1946-63. Feb. 13, g12.3; Apr. 17, g11.8; June 6, g12.5; Aug. 6, g7.4; Oct. 9, g10.3; Oct. 21, 10.64; Dec. 13, g11.3.

4-23-23bd. O. V. Moore. Drilled stock water-table well in sand, diam 6 in, depth 43 ft. Highest water level 26.1, Apr. 27, 1960; lowest water level 30.89, Sept. 13, 1943. Records available: 1936-44, 1946-63. Feb. 13, g27.1; June 5, g27.7; Aug. 5, g27.7; Oct. 22, 28.30; Dec. 12, g27.9.

4-23-30cc. Brening Bros. Drilled irrigation water-table well in sand, diam 24 in, depth 93 ft. Highest water level 51.84, June 5, 1947; lowest water level 59.25, Sept. 16, 1959. Records available: 1946-63. Oct. 22, 56.45.

4-24-15cc. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 23 ft. Highest water level 3.93, Sept. 20, 1961; lowest water level 14.20, Aug. 14, 1946. Records available: 1946-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|--------|-------------|---------|-------------|
| Feb. 12 | g11.7 | June 5 | g11.4 | Oct. 8 | g10.2 | Oct. 30 | g11.2 |
| Apr. 16 | g12.7 | Aug. 5 | g11.3 | 22 | 10.88 | Dec. 12 | g12.1 |

Gage County

A2-6-22ba. Fred Meints. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 127 ft. Highest water level 87.32, Nov. 1, 1962; lowest water level 87.63, Oct. 14, 1963. Records available: 1962-63, Oct. 14, 87.63.

A5-7-2bb. Wm. Petz. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 135 ft. Highest water level 78.37, Oct. 30, 1962; lowest water level 79.91, Oct. 14, 1963. Records available: 1962-63, Oct. 14, 79.91.

Garden County

16-42-34ab. Miss Minnie Sodman. Drilled irrigation water-table well in sand, diam 26 in, depth 112 ft. Highest water level 12.35, Sept. 4, 1951; lowest water level 13.47, Apr. 18, 1951. Records available: 1951-52, 1960-63. Nov. 1, 12.74.

17-44-22cc. Dr. G. H. Morris. Drilled unused water-table well in sand and gravel, diam 1½ in, depth 34 ft. Highest water level 20.83, Oct. 25, 1935; lowest water level, 30.60, Oct. 8, 1960. Records available: 1935-42, 1944-46, 1948-56, 1958-63. Nov. 1, 29.94.

18-46-27cc. U.S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1 in, depth 17 ft. Highest water level 1.94, Sept. 7, 1951; lowest water level 5.95, July 26, 1940. Records available: 1934-42, 1944, 1946, 1948-56, 1958-63. Nov. 1, 3.59.

20-44-5db. Crescent Lake Migratory Bird Refuge. Drilled observation water-table well in fine sand, diam 1½ in, depth 20 ft. Lsd, 3,798.19 ft above msl. Highest water level 4.30, Oct. 21, 1934; lowest water level 8.70, Apr. 11, 1941. Records available: 1934-63. Jan. 4, g7.29; Mar. 29, g6.89; June 20, g6.79; Sept. 25, g6.99; Dec. 16, g7.09.

21-44-35ca. Crescent Lake Migratory Bird Refuge. Drilled observation water-table well in fine sand, diam 1½ in, depth 8 ft. Lsd, 3,802.99 ft above msl. Highest water level 0.43, Feb. 12, 1934; lowest water level 5.74, Mar. 17, 1938. Records available: 1933-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 24 | g3.4 | Apr. 19 | g3.4 | Aug. 2 | g4.4 | Oct. 11 | g3.5 |
| Feb. 1 | g3.3 | May 20 | g4.0 | 9 | g4.4 | 26 | g3.7 |
| 21 | g3.2 | June 10 | g3.9 | 16 | g4.5 | Nov. 13 | g3.6 |
| Mar. 4 | g3.0 | 20 | g3.8 | 30 | g4.4 | 20 | g3.7 |
| 15 | g3.1 | July 18 | g4.3 | Sept. 13 | g4.3 | Dec. 6 | g3.6 |
| Apr. 4 | g3.6 | 26 | g4.4 | 30 | g3.3 | 16 | g3.5 |

Garden County--Continued

21-45-3bd2. Crescent Lake Migratory Bird Refuge. Drilled observation water-table well in fine sand, diam 1½ in, depth 10 ft. Lsd, 3,850.97 ft above msl. Highest water level 1.70, Mar. 7-22, 1952; lowest water level 7.82, Nov. 30, 1938. Records available: 1934-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|----------|-------------|--------|-------------|
| Feb. 21 | g3.7 | July 2 | g3.9 | Aug. 29 | g4.2 | Nov. 8 | g3.9 |
| Mar. 19 | g3.7 | 18 | g4.2 | Sept. 18 | g4.0 | 13 | g3.9 |
| Apr. 12 | g4.0 | 26 | g4.2 | Oct. 3 | g3.8 | Dec. 6 | g3.9 |
| 21 | g3.7 | Aug. 9 | g4.3 | 13 | g3.8 | 14 | g3.9 |
| June 20 | g3.8 | | | | | | |

Garfield County

21-15-19aa. Jim Bleach. Drilled irrigation water-table well in sand. Highest water level 13.86, Sept. 24, 1951; lowest water level 19.63, Aug. 29, 1957. Records available: 1951, 1957-63. Nov. 14, 14.54.

21-16-1ldd. Mary Lee Kenselmeyer. Drilled irrigation water-table well in gravel, diam 18 in, depth 55 ft. Highest water level 22.61, Sept. 24, 1951; lowest water level 24.76, Nov. 17, 1960. Records available: 1951-53, 1958-63. Nov. 14, 23.78.

21-16-14cb. Frank Smolik. Drilled irrigation water-table well in gravel, diam 18 in, depth 154 ft. Highest water level 23.54, Oct. 15, 1958; lowest water level 24.92, Oct. 28, 1959. Records available: 1950-63. Nov. 13, 24.06.

21-16-16aa. Earl Meyers. Irrigation water-table well, diam 18 in, depth 50 ft. Highest water level 6.20, May 6, 1958; lowest water level 9.10, Oct. 15, 1958. Records available: 1951, 1958-63. Nov. 13, 8.86.

21-16-2ldc. Elzie Donner. Drilled irrigation water-table well in gravel, diam 18 in, depth 71 ft. Highest water level 4.93, Oct. 6, 1961; lowest water level 6.15, Aug. 29, 1957. Records available: 1950-53, 1957-63. Nov. 13, 5.96.

24-15-20aa. U.S. Geol. Survey. Driven observation water-table well in fine sand, diam 1 in, depth 17 ft. Highest water level 1.80, May 29, 1936; lowest water level 5.70, July 17, 1940. Records available: 1935-36, 1938-42, 1952-56, 1958-63. Nov. 14, 3.24.

Gosper County

6-21-29cc. Forrester. Drilled unused water-table well in sand, diam 4 in, depth 136 ft. Lsd, 2,401.25 ft above msl. Highest water level 102.47, Oct. 23, 1963; lowest water level 123.72, Oct. 16, 1948. Records available: 1948-52, 1954-58, 1960-63. Oct. 23, 102.47.

7-21-6bc. Andy Larson Estate. Drilled unused water-table well in sand and gravel, diam 4 in, depth 132 ft. Lsd, 2,466.95 ft above msl. Highest water level 71.53, Oct. 23, 1963; lowest water level 117.80, Sept. 26, 1935. Records available: 1934-40, 1948-63. Oct. 23, 71.53.

7-21-15bb. Sophia Swartz. Drilled unused water-table well in sand, diam 3 in, depth 221 ft. Highest water level 167.60, Oct. 23, 1963; lowest water level 199.49, Mar. 20, 1950. Records available: 1950-63. Oct. 23, 167.60.

7-22-8bb. Stan Salisbury Estate. Drilled unused water-table well in sand, diam 3 in, depth 284 ft. Lsd, 2,638.44 ft above msl. Highest water level 202.62, Oct. 23, 1963; lowest water level 251.65, Nov. 25, 1947. Records available: 1947-57, 1960-63. Oct. 23, 202.62.

8-21-3dc. Jeffrey Bros. Drilled irrigation water-table well in sand, diam 24 in, depth 58 ft. Lsd, 2,378 ft above msl. Highest water level 10.96, Sept. 24, 1958; lowest water level 14.76, Dec. 11, 1956. Records available: 1946-58, 1960-63. Oct. 23, 12.90.

Grant County

23-38-4cb. U.S. Geol. Survey. Jetted observation water-table well in fine sand, diam 3/4 in, depth 11 ft. Highest water level +0.25, Sept. 4, 1958; lowest water level 1.85, Oct. 2, 1958. Records available: 1958-63. Oct. 30, +0.02.

24-36-30bb. U.S. Geol. Survey. Drilled observation water-table well in fine sand, diam 1 in, depth 15 ft. Highest water level 3.59, June 8, 1935; lowest water level 6.62, July 22, 1940. Records available: 1934-42, 1946-55, 1957-63. Oct. 30, 4.53.

Grant County--Continued

24-40-36bb. U.S. Geol. Survey. Drilled observation water-table well in fine sand, diam 1 in, depth 21 ft. Highest water level 12.32, June 8, 1935; lowest water level 14.26, Oct. 19, 1948. Records available: 1934-42, 1944-63. Oct. 30, 12.39.

Greeley County

17-12-24bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 81 ft. Lsd, 1,941.93 ft above msl. Highest water level 44.46, June 10, 1959; lowest water level 48.32, Oct. 15, 1963. Records available: 1958-63. Mar. 28, 45.90; July 22, 47.37; Oct. 15, 48.32; Dec. 22, 47.70.

17-12-25bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 91 ft. Lsd, 1,911.25 ft above msl. Highest water level 22.36, June 10, 1959; lowest water level 28.92, July 22, 1963. Records available: 1958-63. Mar. 28, 23.73; July 22, 28.92; Oct. 15, 27.03; Dec. 22, 25.91.

17-12-35aa. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 61 ft. Lsd, 1,896.36 ft above msl. Highest water level 11.93, Apr. 12, 1960; lowest water level 16.15, Feb. 16, 1960. Records available: 1958-63. Mar. 28, 15.12; July 22, 15.50; Oct. 15, 14.57; Dec. 22, 15.45.

20-9-20cc. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 16 ft. Highest water level 1.29, May 17, 1961; lowest water level 3.71, July 27, 1961. Records available: 1935-42, 1948-52, 1958-63. Mar. 28, 1.95.

20-9-20db1. U.S. Geol. Survey. Drilled observation water-table well in loess, diam 3 in, depth 19 ft. Highest water level 6.85, July 24, 1950; lowest water level 11.54, Sept. 2, 1959. Records available: 1937-41, 1948-53, 1955-56, 1958-63. Mar. 28, 7.88; Aug. 6, 9.61; Sept. 3, 10.15; Oct. 15, 9.58.

20-9-34aa. E. Haggerty. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 158 ft. Highest water level 31.66, July 24, 1950; lowest water level 33.74, Sept. 8, 1960. Records available: 1948-51, 1958-63. Nov. 27, 32.39; Dec. 21, 32.30.

Greeley County--Continued

20-10-4bb. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 3/4 in, depth 9 ft. Highest water level 5.08, Aug. 3, 1960; lowest water level 8.58, Oct. 15, 1963. Records available: 1959-63. Mar. 28, 7.41; July 2, 7.84; Aug. 6, 8.06; Sept. 3, 8.40; Oct. 15, 8.58.

20-10-14aa. U.S. Bureau of Reclamation. Observation water-table well, depth 17.8 ft. Highest water level 8.81, Aug. 22, 1962; lowest water level 13.82, July 27, 1961. Records available: 1960-63. Mar. 28, 12.17; July 2, 12.46; Aug. 6, 9.16; Sept. 3, 9.85; Oct. 15, 10.50.

20-10-14ab. Albert Glaser. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 90 ft. Highest water level 7.85, July 24, 1950; lowest water level 14.51, Aug. 6, 1963. Records available: 1948-51, 1953, 1955-56, 1958, 1960-63. Mar. 28, 9.56; Aug. 6, 14.51; Sept. 3, 13.39; Oct. 15, 10.80.

20-10-17bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1 1/4 in, depth 151 ft. Lsd, 2,062.72 ft above msl. Highest water level 111.15, Nov. 27, 1963; lowest water level 111.25, Dec. 21, 1963. Records available: 1963. Nov. 27, 111.15; Dec. 21, 111.25.

Hall County

9-11-8bc. Roscoe Abbot. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 81 ft. Lsd, 1,957.20 ft above msl. Highest water level 4.05, Apr. 11, 1949; lowest water level 9.56, Oct. 18, 1956. Records available: 1945-63. Apr. 29, g7.18; Oct. 1, g8.33.

9-11-21bb. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 1/2 in, depth 15 ft. Lsd, 1,957.8 ft above msl. Highest water level 4.30, May 6, 1958; lowest water level 10.82, Oct. 18, 1956. Records available: 1946-63. Apr. 29, g7.70; Oct. 1, g9.50.

9-12-1dc. John Kipp. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 46 ft. Lsd, 1,964.3 ft above msl. Highest water level 2.47, May 6, 1931; lowest water level 9.92, Oct. 18, 1956. Records available: 1930-53, 1955-63. Apr. 29, g7.99; Oct. 1, g8.95.

9-12-9ba. E. F. Ohlman. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 63 ft. Lsd, 2,002.28 ft above msl. Highest water level 18.50, July 5, 1949; lowest water level 27.95, Sept. 21, 1955. Records available: 1930-63. Apr. 29, g25.24; Oct. 1, g27.16.

Hall County--Continued

9-12-14cc. Adolph Schmidt. Drilled irrigation water-table well in sand, diam 18 in, depth 60 ft. Lsd, 1,982.20 ft above msl. Highest water level 4.15, Apr. 12, 1949; lowest water level 9.18, Oct. 18, 1956. Records available: 1947-53, 1955-63. Apr. 29, g7.25; Oct. 1, g8.28.

9-12-20bc. Burmood. Drilled irrigation water-table well in sand, diam 18 in, depth 27 ft. Lsd, 2,001.21 ft above msl. Highest water level 2.00, Apr. 12, 1949; lowest water level 8.20, Oct. 18, 1956. Records available: 1947-53, 1955-63. Apr. 29, g5.60; Oct. 1, g7.62.

10-9-3cb. City of Grand Island. Drilled observation water-table well in sand, diam 1½ in, depth 10 ft. Lsd, 1,857.01 ft above msl. Highest water level 1.95, May 29, 1938; lowest water level 8.60, Oct. 17, 1956. Records available: 1935-63. Apr. 24, g5.40; Sept. 27, g6.55.

10-9-4cb. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 10 ft. Lsd, 1,863.18 ft above msl. Highest water level 2.46, July 7, 1944; lowest water level 8.84, Oct. 17, 1956. Records available: 1935-63. Apr. 24, g5.57; Oct. 1, g6.75.

10-9-5bb. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 10 ft. Lsd, 1,866.68 ft above msl. Highest water level 1.90, May 29, 1938; lowest water level 8.58, Oct. 17, 1956. Records available: 1935-39, 1942-63. Apr. 24, g4.60; Oct. 1, g6.15.

10-10-3cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 39 ft. Lsd, 1,893.88 ft above msl. Highest water level 8.47, Apr. 12, 1949; lowest water level 13.56, Oct. 18, 1956. Records available: 1947-53, 1955-63. Apr. 26, g10.40; Oct. 1, g12.66.

10-10-8cc. Frank Dahlstrom. Drilled irrigation water-table well, diam 25 in, depth 90 ft. Lsd, 1,920.41 ft above msl. Highest water level 19.42, June 6, 1932; lowest water level 26.87, Oct. 18, 1956. Records available: 1931-53, 1955-63. Apr. 26, g23.40.

10-10-11aa. U.S. Geol. Survey. Drilled observation water-table well, diam 1½ in, depth 13 ft. Lsd, 1,876.91 ft above msl. Highest water level 2.08, May 26, 1959; lowest water level 7.05, Oct. 17, 1956. Records available: 1954-63. Apr. 26, g4.14; Oct. 1, g5.58.

10-10-13dd. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 12 ft. Lsd, 1,877.9 ft above msl. Highest water level 2.51, Jan. 14, 1952; lowest water level 7.27, Oct. 17, 1956. Records available: 1946-63. Apr. 26, g4.52; Oct. 1, g5.16.

Hall County--Continued

10-10-20cd. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,912.47 ft above msl. Highest water level 5.32, Apr. 29, 1949; lowest water level 11.64, Oct. 18, 1956. Records available: 1947-53, 1955-63. Apr. 26, g8.99; Oct. 1, g10.60.

10-10-30bc. Demon. Drilled irrigation water-table well in sand, diam 48 in, depth 40 ft. Lsd, 1,919.88 ft above msl. Highest water level 3.62, Apr. 29, 1949; lowest water level 9.38, Oct. 18, 1956. Records available: 1947-50, 1952-53, 1955-63. Apr. 26, g7.67; Oct. 1, g9.22.

10-11-8cc. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in. Lsd, 1,956.91 ft above msl. Highest water level 20.85, Feb. 28, 1950; lowest water level 30.56, Sept. 26, 1957. Records available: 1947-50, 1952-53, 1955-63. Apr. 29, g27.35; Oct. 3, g28.70.

10-11-11bb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 65 ft. Lsd, 1,942 ft above msl. Highest water level 23.84, May 3, 1951; lowest water level 34.30, Oct. 18, 1956. Records available: 1947-53, 1955-63. Apr. 26, g28.55; Oct. 3, g31.50.

10-11-30bc. J. M. Weldon. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 65 ft. Lsd, 1,969.1 ft above msl. Highest water level 15.67, June 23-30, 1931; lowest water level 28.12, Oct. 18, 1956. Records available: 1930-63. Apr. 29, g24.59.

10-12-4cc. E. F. Frazell. Drilled irrigation water-table well in sand, depth 58 ft. Lsd, 1,988.6 ft above msl. Highest water level 27.23, May 4, 1951 and Mar. 20, 1952; lowest water level 36.90, Oct. 2, 1963. Records available: 1947-53, 1955-63. May 1, g34.89; Oct. 2, g36.90.

10-12-8cc. Owner unknown. Highest water level 29.17, June 27, 1955; lowest water level 35.93, Oct. 2, 1963. Records available: 1955-63. May 1, g34.14; Oct. 2, g35.93.

10-12-18cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 2,006.26 ft above msl. Highest water level 23.48, Sept. 29, 1952; lowest water level 34.36, Oct. 2, 1963. Records available: 1947-53, 1955-63. May 1, g32.40; Oct. 2, g34.36.

10-12-27cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,987.68 ft above msl. Highest water level 17.53, May 4, 1951; lowest water level 27.44, Sept. 25, 1957. Records available: 1947-53, 1955-63. Apr. 29, g25.31; Oct. 3, g26.72.

11-9-9aal. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 29 ft. Lsd, 1,856.56 ft above msl. Highest water level 17.25, Oct. 1, 1945; lowest water level 27.30, Sept. 2, 1955. Records available: 1935-63. Apr. 24, g20.54; Sept. 30, g23.23.

Hall County--Continued

11-9-12dc. City of Grand Island. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 11 ft. Lsd, 1,828.48 ft above msl. Highest water level 4.52, Apr. 19, 1949; lowest water level 8.93, Sept. 8, 1955. Records available: 1935-51, 1953-63. Apr. 23, g7.32; Sept. 27, g8.53.

11-9-26aa. City of Grand Island. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 10 ft. Lsd, 1,836.91 ft above msl. Highest water level 2.56, July 7, 1944; lowest water level dry, Oct. 18, 1956. Records available: 1935-63. Apr. 24, g7.50; Sept. 27, g9.33.

11-9-27bc. City of Grand Island. Drilled observation water-table well in sand, diam $1\frac{1}{4}$ in. Highest water level 6.00, July 10, 1947; lowest water level f14.87, Sept. 22, 1955 to June 3, 1957. Records available: 1942-63. Apr. 24, g11.85; Sept. 27, g13.86.

11-9-28ba. City of Grand Island. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in. Lsd, 1,852.66 ft above msl. Highest water level 6.15, Mar. 31, May 2, 1936; lowest water level dry, Oct. 17, 1956. Records available: 1935-52, 1955-63. Apr. 24, g13.92; Oct. 1, g15.27.

11-9-29bb. City of Grand Island. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in. Lsd, 1,875.22 ft above msl. Highest water level 18.35, Dec. 29, 1950; lowest water level 27.00, Oct. 29, 1958. Records available: 1935-63. Apr. 24, g23.40; Oct. 1, g23.60.

11-9-34aa. City of Grand Island. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 10 ft. Lsd, 1,845.89 ft above msl. Highest water level 2.54, July 7, 1944; lowest water level dry, Oct. 17, 1956. Records available: 1935-63. Apr. 24, g6.87; Sept. 27, g8.18.

11-9-34cb. City of Grand Island. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 10 ft. Lsd, 1,853.17 ft above msl. Highest water level 2.50, July 10, 1944; lowest water level dry, Oct. 17, 1956 and May 29, 1957. Records available: 1935-63. Apr. 24, g6.64; Sept. 27, g7.72.

11-9-35dc. City of Grand Island. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 11 ft. Lsd, 1,846.24 ft above msl. Highest water level 2.08, July 14, 1947 and Apr. 4, 1949; lowest water level 7.02, Oct. 17, 1956. Records available: 1935-63. Apr. 24, g4.25; Sept. 27, g5.08.

11-10-16bb. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 19 ft. Lsd, 1,892.50 ft above msl. Highest water level 7.85, May 19, 1952; lowest water level 14.72, Mar. 27, 1957. Records available: 1946-63. Apr. 26, g10.98; Sept. 30, g11.78.

Hall County--Continued

11-10-24cb. City of Grand Island. Driven observation water-table well in sand, diam 1½ in. Lsd, 1,880.70 ft above msl. Highest water level 12.66, July 14, 1947; lowest water level f25.50, Oct. 17, 1956 to Sept. 26, 1957. Records available: 1935-63. Apr. 26, g17.90; Oct. 1, g19.90.

11-10-26dd. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 20 ft. Lsd, 1,875.22 ft above msl. Highest water level 5.66, July 14, 1947; lowest water level 17.70, Dec. 28, 1935. Records available: 1935-39, 1942-63. Apr. 26, g8.79; Oct. 1, g10.87.

11-10-27dc. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 23 ft. Lsd, 1,895.22 ft above msl. Highest water level 15.15, Sept. 6, 1949; lowest water level dry, Oct. 1, 1963. Records available: 1946-63. Apr. 26, g18.65; Oct. 1, gf.

11-11-9cb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 53 ft. Lsd, 1,933.8 ft above msl. Highest water level 17.70, May 1, 1951; lowest water level 29.10, Oct. 17, 1956. Records available: 1948-52, 1955-63. May 1, g25.30; Oct. 2, g27.80.

*11-11-25cc. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 37 ft. Lsd, 1,922.4 ft above msl. Highest water level 12.18, June 25, 1949; lowest water level 23.99, Aug. 15, 1957. Records available: 1946-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 10 | 18.48 | Apr. 30 | 18.52 | July 31 | 18.15 | Oct. 31 | 19.89 |
| Feb. 28 | 18.49 | May 31 | 18.54 | Aug. 31 | 19.28 | Nov. 30 | 19.98 |
| Mar. 31 | 18.50 | June 30 | 17.47 | Sept. 30 | 19.80 | Dec. 15 | 20.02 |

11-11-32cb. Frank Hughes. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 65 ft. Lsd, 1,960 ft above msl. Highest water level 29.04, May 20, 1931; lowest water level 43.13, Sept. 26, 1957. Records available: 1930-41, 1943-63. Apr. 29, g40.80; Oct. 3, g42.82.

11-11-34cc. Leonard Graf. Drilled irrigation water-table well in sand, diam 18 in. Highest water level 20.65, May 3, 1951; lowest water level 30.60, Oct. 17, 1956 and Sept. 26, 1957. Records available: 1947-53, 1955-63. Apr. 29, g26.47; Oct. 3, g29.45.

*Recording gage.

Hall County--Continued

11-11-36cb. C. B. Modesitt. Drilled irrigation water-table well in sand and gravel, diam 8 ft, depth 71 ft. Lsd, 1,929 ft above msl. Highest water level 19.90, July 5, 1949; lowest water level 30.30, Oct. 17, 1956. Records available: 1930-40, 1943-63. Apr. 29, g22.50; Oct. 3, g24.14.

11-12-12cd. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in. Lsd, 1,946.42 ft above msl. Highest water level 22.96, Apr. 30, 1952; lowest water level 32.33, Oct. 2, 1963. Records available: 1947-50, 1952-53, 1955-63. May 1, g30.25; Oct. 2, g32.33.

11-12-24cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 57 ft. Lsd, 1,953.5 ft above msl. Highest water level 23.21, May 4, 1951; lowest water level 32.59, Oct. 2, 1963. Records available: 1947-53, 1955-63. May 1, g29.79; Oct. 2, g32.59.

11-12-32ddd. Owner unknown. Drilled irrigation water-table well in sand. Lsd, 1,984.6 ft above msl. Highest water level 24.65, May 4, 1951; lowest water level 33.10, Oct. 2, 1963. Records available: 1947-53, 1955-63. May 1, g31.62; Oct. 2, g33.10.

11-12-34dc. Stutzman. Drilled irrigation water-table well, diam 24 in, depth 58 ft. Lsd, 1,973 ft above msl. Highest water level 24.92, Mar. 20, 1952; lowest water level 35.25, Oct. 2, 1963. Records available: 1946-63. May 1, g33.22; Oct. 2, g35.25.

12-9-25cd. Walter Quandt. Drilled irrigation water-table well in sand, diam 24 in. Lsd, 1,836.6 ft above msl. Highest water level 13.90, Nov. 1, 1961; lowest water level 25.76, Oct. 13, 1959. Records available: 1947-52, 1955-63. Apr. 24, g15.62; Sept. 27, g19.32.

12-9-32aal. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 17 ft. Lsd, 1,858.10 above msl. Highest water level 7.58, July 14, 1947; lowest water level f16.20, Sept. 26, 1957. Records available: 1935-57, 1959-63. May 1, g9.89; Sept. 30, g11.49.

12-9-32cc. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 1,863.97 ft above msl. Highest water level 7.08, July 14, 1947; lowest water level 12.80, Dec. 24, 1940. Records available: 1935-55, 1958-63. May 1, g9.80; Sept. 30, g12.04.

12-10-33cb. Owner unknown. Drilled irrigation water-table well in sand, depth 55 ft. Lsd, 1,887.9 ft above msl. Highest water level 9.53, May 2, 1951; lowest water level 18.20, Oct. 17, 1956. Records available: 1947-53, 1955-63. May 1, g13.48; Sept. 30, g15.23.

Hall County--Continued

12-10-35abb. Mrs. Royden. Drilled irrigation water-table well in sand, diam 18 in, depth 62 ft. Lsd, 1,870.8 ft above msl. Highest water level 5.14, May 2, 1951; lowest water level 13.85, Oct. 17, 1956. Records available: 1947-53, 1955-63. May 1, g8.69; Sept. 30, g10.70.

12-11-19dd. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 100 ft. Lsd, 1,949.3 ft above msl. Highest water level 39.87, May 2, 1951; lowest water level 50.20, Nov. 5, 1958. Records available: 1947-53, 1955-63. May 1, g44.20; Oct. 2, g48.14.

12-11-24cd. U.S. Geol. Survey. Drilled observation water-table well in clay and fine sand, diam 1½ in, depth 17 ft. Lsd, 1,900.80 ft above msl. Highest water level 3.54, July 5, 1949; lowest water level 13.32, Oct. 17, 1956. Records available: 1946-63. May 1, g10.39; Oct. 2, g11.32.

12-11-31cc. A. P. Johnson. Drilled irrigation water-table well in sand, diam 18 in, depth 56 ft. Lsd, 1,939.3 ft above msl. Highest water level 23.32, Par. 30, 1952; lowest water level 34.28, Oct. 17, 1956. Records available: 1947-53, 1955-63. May 1, g29.93; Oct. 2, g32.74.

12-11-34ab. Owner unknown. Drilled irrigation water-table well in sand. Lsd, 1,909.1 ft above msl. Highest water level 8.77, May 2, 1951; lowest water level 20.00, Oct. 17, 1956. Records available: 1947, 1949-53, 1955-63. May 1, g12.40; Oct. 2, g15.77.

Hamilton County

9-8-9dc. Robert Phillips. Drilled irrigation water-table well in sand and gravel, diam 5 in, depth 67 ft. Lsd, 1,856.3 ft above msl. Highest water level 54.38, Oct. 30, 1935; lowest water level 60.55, Oct. 15, 1963. Records available: 1934-42, 1944, 1946, 1948-50, 1954-63. Oct. 15, 60.55.

*10-6-26bc. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 8 in, depth 130 ft. Lsd, 1,790.5 ft above msl. Highest water level 84.90, June 20, 1956; lowest water level 91.25, Aug. 15, 1957. Records available: 1956-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Jan. 10 | 88.10 | Apr. 25 | 87.52 | July 25 | 89.27 | Nov. 30 | 89.35 |
| Feb. 28 | 87.84 | May 10 | 87.57 | Aug. 5 | 90.27 | Dec. 10 | 89.16 |
| Mar. 31 | 87.72 | June 30 | 87.57 | Oct. 31 | 89.24 | | |

*Recording gage.

Hamilton County--Continued

10-7-3cba. Paul Oswald. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 199 ft. Lsd, 1,856.50 ft above msl. Highest water level 96.95, June 15, 1950; lowest water level 104.10, Oct. 15, 1963. Records available: 1948-50, 1955-63. Oct. 15, 104.10.

10-7-5bb. Frank Sims. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,864.05 ft above msl. Highest water level 85.83, July 1, 1949; lowest water level 92.37, Oct. 15, 1963. Records available: 1949, 1954-55, 1957-63. Oct. 15, 92.37.

11-6-13cb1. O. S. Swedberg. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 194 ft. Lsd, 1,812.2 ft above msl. Highest water level 90.30, Jan. 24, 1935; lowest water level 105.98, Dec. 3, 1956. Records available: 1934-42, 1944, 1946-63. Oct. 15, 101.16.

11-8-28bc. H. J. Rathje. Drilled irrigation water-table well in sand, diam 18 in, depth 90 ft. Lsd, 1,844.74 ft above msl. Highest water level 27.82, Apr. 28, 1953; lowest water level 35.42, Oct. 15, 1963. Records available: 1946-55, 1957-63. Oct. 15, 35.42.

13-6-27cc. David Ritta. Drilled irrigation water-table well in gravel, diam 24 in, depth 61 ft. Lsd, 1,714.94 ft above msl. Highest water level 7.57, May 28, 1952; lowest water level 11.41, Nov. 14, 1940. Records available: 1935-40, 1942, 1944, 1946-55, 1957-63. Oct. 15, 11.01.

14-5-35aa. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 11 ft. Lsd, 1,643.67 ft above msl. Highest water level 2.51, Mar. 27, 1952; lowest water level 5.00, Nov. 12, 1953. Records available: 1949-55, 1957-63. Oct. 15, 4.03.

Harlan County

1-17-1da. U.S. Geol. Survey. Drilled observation water-table well in silt and soil, diam 1½ in, depth 14 ft. Lsd, 1,878.45 ft above msl. Highest water level 1.95, Oct. 25, 1946; lowest water level 9.06, Sept. 22, 1953. Records available: 1946-63. Jan. 7, g6.8; Mar. 25, g5.1; May 14, g6.4; July 11, g8.2; Sept. 17, g6.6; Oct. 21, 7.43; Nov. 12, g7.1.

2-19-28dd. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1 in, depth 22 ft. Highest water level 6.59, June 11, 1949; lowest water level 12.14, Sept. 13, 1955. Records available: 1940-41, 1946-63. Feb. 19, g9.0; Apr. 18, g9.4; June 7, g9.3; Aug. 7, g11.4; Oct. 7, g10.8; Oct. 21, 10.82; Dec. 19, g11.3.

Harlan County--Continued

3-20-25cc. U.S. Geol. Survey. Drilled observation water-table well in silt and clay, diam $1\frac{1}{4}$ in, depth 24 ft. Lsd, 2,024 ft above msl. Highest water level 4.6, June 13, 1961; lowest water level 17.71, Oct. 30, 1953. Records available: 1946-63. Feb. 15, g8.8; Apr. 18, g8.8; June 7, g9.5; Aug. 8, g7.7; Oct. 11, g8.7; Oct. 21, 8.68; Dec. 18, g9.6.

Hayes County

5-33-30cba. C. Stevenson. Drilled irrigation water-table well in sand, diam 22 in, depth 90 ft. Highest water level 13.72, Nov. 15, 1960; lowest water level 20.38, Jan. 9, 1959. Records available: 1946-63. Feb. 18, g15.28; Apr. 9, g14.80; May 17, g14.50; June 17, g14.42; July 17, g15.90; Nov. 13, g15.55.

5-34-30baa. U.S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam $1\frac{1}{4}$ in, depth 17 ft. Highest water level 9.11, Sept. 13, 1962; lowest water level 12.81, Apr. 19, 1954. Records available: 1946-63. Feb. 18, g11.38; Apr. 9, g11.50; May 17, g11.08, June 17, g11.16, July 17, g9.37; Oct. 22, 11.61; Nov. 13, g11.69.

5-35-16ddd. U.S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam $1\frac{1}{4}$ in, depth 13 ft. Highest water level 5.54, July 17, 1963; lowest water level 9.74, Dec. 7, 1950. Records available: 1946-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Feb. 18 | g7.97 | May 17 | g7.74 | July 17 | g5.54 | Oct. 22 | 8.09 |
| Apr. 9 | g8.10 | June 17 | g7.74 | Sept. 16 | g7.4 | Nov. 13 | g8.18 |

Hitchcock County

2-35-24aa. U.S. Geol. Survey. Drilled observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 12 ft. Lsd, 2,778 ft above msl. Highest water level 3.67, June 9, 1949; lowest water level 8.77, Oct. 8, 1947. Records available: 1946-63. Feb. 7, g3.90; Mar. 26, g4.01; May 15, g5.05; June 14, g5.32; Sept. 25, g5.86; Oct. 22, 5.67; Dec. 2, g7.14.

Hitchcock County--Continued

3-31-14bc. U.S. Geol. Survey. Drilled observation water-table well in silt, diam $1\frac{1}{4}$ in, depth 26 ft. Lsd, 2,569 ft above msl. Highest water level 11.82, Oct. 8, 1947; lowest water level 15.88, Aug. 15 1946. Records available: 1946-63. Feb. 6, g14.1; Apr. 8, g13.4; June 3, g12.6; July 29, g14.8; Oct. 1, g14.0; Oct. 22, 14.19; Dec. 2, g14.3.

3-32-11bb. U.S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam $1\frac{1}{4}$ in, depth 18 ft. Highest water level 12.30, Apr. 9, 1963; lowest water level 15.50, Sept. 16, 1963. Records available: 1946-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Feb. 18 | g13.70 | May 17 | g14.58 | July 17 | g14.43 | Oct. 22 | 14.19 |
| Apr. 9 | g12.30 | June 17 | g14.07 | Sept. 16 | g15.50 | Nov. 13 | g15.02 |

3-32-26cd. U.S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam $3/4$ in, depth 21 ft. Highest water level 2.38, June 25, 1962; lowest water level 8.05, Mar. 18, 1955. Records available: 1950-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Feb. 6 | g3.93 | June 14 | g4.54 | Aug. 7 | g4.50 | Oct. 10 | g4.76 |
| Mar. 26 | g3.48 | July 5 | g4.92 | Sept. 24 | g4.82 | Nov. 4 | g4.88 |
| May 14 | g4.44 | | | | | | |

4-33-23ad. U.S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam $1\frac{1}{4}$ in, depth 19 ft. Highest water level 11.09, Sept. 16, 1957; lowest water level 14.33, Nov. 10, 1955. Records available: 1946-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Feb. 18 | g12.35 | May 17 | g13.34 | July 17 | g13.70 | Oct. 22 | g13.23 |
| Apr. 9 | g12.30 | June 17 | g13.38 | Sept. 16 | g14.20 | Nov. 13 | g13.10 |

Holt County

27-9-34da. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1 in, depth 17 ft. Highest water level 2.67, Apr. 5, 1960; lowest water level 9.90, Sept. 1, 1948: Records available: 1934-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Jan. 9 | 8.38 | Apr. 25 | 8.26 | July 24 | 8.94 | Nov. 25 | 8.71 |
| 24 | 8.22 | May 22 | 7.42 | Sept. 3 | 8.90 | 26 | 8.76 |
| Feb. 20 | 7.80 | June 13 | 8.57 | Oct. 17 | 8.62 | Dec. 18 | 8.57 |
| Mar. 20 | 7.74 | July 12 | 8.66 | 22 | 8.82 | 19 | 8.43 |

28-9-11ba. Warren Cronk. Drilled abandoned domestic well, diam 4 in, depth 71 ft. Highest water level 40.16, Nov. 14, 1962; lowest water level 42.31, Oct. 25, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 25 | 41.07 | July 12 | 41.41 | Sept. 4 | 41.90 | Nov. 25 | 42.00 |
| May 28 | 41.28 | Aug. 7 | 41.83 | Oct. 22 | 41.75 | Dec. 20 | 42.12 |

28-9-23ab. U.S. Geol. Survey. Bored observation water-table well, diam 1½ in, depth 25 ft. Highest water level 0.43, June 27, 1962; lowest water level 1.86, Aug. 27, Sept. 27, 1961 and Apr. 25, 1962. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 25 | 1.17 | July 12 | 1.40 | Sept. 4 | 1.79 | Nov. 25 | 1.73 |
| May 28 | 1.48 | Aug. 7 | 1.43 | Oct. 22 | 1.78 | Dec. 20 | 1.84 |

29-9-28dd. U.S. Geol. Survey. Bored observation water-table well, diam 1½ in, depth 30 ft. Highest water level 20.05, Aug. 22, 1962; lowest water level 21.10, Dec. 20, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 25 | 20.58 | July 12 | 20.73 | Sept. 4 | 20.86 | Nov. 25 | 21.04 |
| May 28 | 20.64 | Aug. 7 | 20.79 | Oct. 22 | 20.72 | Dec. 20 | 21.10 |

29-10-10cc. U.S. Bureau of Reclamation. Drilled observation well, diam ¾ in, depth 31.4 ft. Highest water level 15.54, Oct. 9, 1962; lowest water level 26.93, Oct. 28, 1958. Records available: 1956-63. Apr. 25, 17.26; July 11, 17.39; Aug. 6, 17.76; Sept. 4, 17.90; Oct. 22, 18.20; Nov. 25, 18.85; Dec. 19, 19.08.

Holt County--Continued

29-11-5aa. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 40.2 ft. Highest water level 23.40, Oct. 9, 1962; lowest water level 25.30, Sept. 28, 1961. Records available: 1956-63. Apr. 25, 24.17; July 11, 24.47; Aug. 6, 24.55; Sept. 4, 24.69; Oct. 22, 24.86; Nov. 25, 25.00; Dec. 19, 24.45.

29-11-16bb. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 19 ft. Highest water level 12.12, Oct. 9, 1962; lowest water level 14.43, Sept. 28, 1961. Records available: 1956-63. Apr. 25, 13.17; July 11, 13.39; Aug. 6, 13.46; Sept. 4, 13.58; Oct. 22, 13.79; Nov. 25, 13.98; Dec. 19, 14.10.

29-11-20dd. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 27.7 ft. Highest water level 18.67, Oct. 5, 1956; lowest water level 22.90, Oct. 12, 1959. Records available: 1956-63. Apr. 25, 20.16; July 11, 20.27; Aug. 6, 20.39; Sept. 4, 20.49; Oct. 22, 20.61; Nov. 25, 20.76; Dec. 19, 20.73.

29-11-21bbb. Murphy. Drilled stock water-table well in sand, diam 5 in, depth 55 ft. Lsd, 2,001.06 ft above msl. Highest water level 16.87, Jan. 14, 1948; lowest water level 26.43, July 9, 1959. Records available: 1947-53, 1955-63. Apr. 25, 22.45; July 11, 22.48; Sept. 4, 22.80; Oct. 22, 22.98; Nov. 25, 23.30; Dec. 19, 23.22.

29-12-1aa. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 46 ft. Highest water level 10.50, Oct. 9, 1962; lowest water level Mar. 24, 1958 and July 6, 1959. Records available: 1956-63. Apr. 25, 12.27; July 11, 12.54; Sept. 4, 13.21; Oct. 22, 13.31; Nov. 25, 13.75; Dec. 19, 13.95.

29-12-3bb. U.S. Bureau of Reclamation. Drilled observation well, diam 1 1/4 in, depth 41 ft. Highest water level 10.81, July 12, 1956; lowest water level 14.78, Sept. 28, 1961. Records available: 1956-63. Apr. 25, 11.83; July 11, 12.25; Aug. 6, 12.66; Sept. 4, 12.99; Oct. 22, 12.84; Nov. 25, 13.03; Dec. 19, 13.13.

29-13-1aa. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 45 ft. Highest water level 9.49, June 28, 1962; lowest water level 20.41, Oct. 12, 1959. Records available: 1956-63. Apr. 25, 17.02; July 11, 16.27; Aug. 6, 16.77; Sept. 4, 17.40; Oct. 22, 17.82; Nov. 26, 18.40; Dec. 20, 18.42.

29-13-4aa. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 39.6 ft. Highest water level 13.31, Oct. 9, 1962; lowest water level 17.48, Sept. 28, 1961. Records available: 1956-63. Apr. 25, 15.42; July 11, 15.21; Aug. 6, 15.36; Sept. 4, 15.60; Oct. 22, 15.67; Nov. 26, 15.97; Dec. 20, 16.24.

Holt County--Continued

29-13-13dd. Frank Freolick. Drilled unused water-table well in sand, diam 6 in, depth 55 ft. Lsd, 2,055.81 ft above msl. Highest water level 31.97, Apr. 6, 1953; lowest water level 43.07, Mar. 22, 1948. Records available: 1947-57, 1960-63. Apr. 25, 36.26; July 11, 36.36.

30-10-10cc. U.S. Bureau of Reclamation. Drilled observation well, diam 1/2 in, depth 67.9 ft. Highest water level 53.34, Dec. 4, 1956; lowest water level 58.60, July 13, 1960. Records available: 1956-63. Apr. 25, 53.88; July 11, 54.11; Aug. 6, 54.64; Oct. 22, 53.40; Nov. 25, 54.20; Dec. 19, 54.08.

30-10-27bb. U.S. Bureau of Reclamation. Drilled observation well, diam 1/2 in, depth 60.6 ft. Highest water level 40.67, Dec. 4, 1956; lowest water level 46.38, July 12, 1960. Records available: 1956-63. Apr. 25, 41.17; July 11, 40.08; Aug. 6, 41.00; Sept. 4, 41.00; Oct. 22, 40.87; Nov. 25, 41.20; Dec. 19, 41.07.

30-11-9cc. U.S. Bureau of Reclamation. Drilled observation well, diam 1 1/4 in, depth 98 ft. Highest water level 64.18, Dec. 4, 1956; lowest water level 71.25, Dec. 6, 1960. Records available: 1956-63. Apr. 25, 68.75; July 11, 68.57; Aug. 6, 69.04; Sept. 4, 69.14; Oct. 22, 68.28; Nov. 25, 68.72; Dec. 19, 68.68.

30-11-29aa. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 40.1 ft. Highest water level 31.00, Oct. 8, 1956; lowest water level 34.40, July 13, 1960. Records available: 1956-63. Apr. 25, 32.08; July 11, 32.27; Aug. 6, 32.36; Sept. 4, 32.40; Oct. 22, 32.51; Nov. 25, 32.60; Dec. 19, 32.73.

30-12-2aa. U.S. Bureau of Reclamation. Drilled observation well, diam 1 1/4 in, depth 41.6 ft. Highest water level 23.11, July 14, 1960; lowest water level 25.55, Sept. 28, 1961. Records available: 1956-63. Apr. 25, 24.71; July 11, 25.12.

30-12-9dd. U.S. Bureau of Reclamation. Drilled observation well, diam 1 1/4 in, depth 62.3 ft. Highest water level 48.26, Oct. 8, 1956; lowest water level 53.93, July 14, 1960. Records available: 1956-63. Apr. 25, 50.50; July 11, 50.43; Aug. 6, 50.52; Sept. 4, 50.54; Oct. 22, 50.60; Nov. 25, 50.70; Dec. 19, 49.98.

30-12-26aa. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 31.6 ft. Highest water level 18.07, Oct. 9, 1962; lowest water level 21.62, July 6, 1959. Records available: 1956-63. Apr. 25, 19.17; July 11, 19.49; Aug. 6, 19.63; Sept. 4, 19.75; Oct. 22, 19.88; Nov. 25, 20.18; Dec. 19, 20.22.

Holt County--Continued

30-12-28aa. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 61 ft. Highest water level 32.77, Oct. 8, 1956; lowest water level 36.36, July 14, 1960. Records available: 1956-63. Apr. 25, 33.53; July 11, 33.77; Aug. 6, 33.87; Sept. 4, 33.89; Oct. 22, 34.02; Nov. 25, 34.16; Dec. 19, 34.22.

30-13-27bb. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 39.8 ft. Highest water level 8.62, June 28, 1962; lowest water level 18.39, Oct. 12, 1959. Records available: 1956-63. Apr. 25, 16.12; July 11, 16.37; Aug. 6, 16.66; Sept. 4, 16.84; Oct. 22, 16.87; Nov. 26, 17.36; Dec. 20, 17.36.

30-13-31cc. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 45.4 ft. Highest water level 27.20, Oct. 5, 1956; lowest water level 31.37, July 14, 1960. Records available: 1956-63. Apr. 25, 29.92; July 11, 29.98; Aug. 6, 30.03; Sept. 4, 30.07; Oct. 22, 30.12; Nov. 26, 30.27; Dec. 20, 30.25.

30-14-23dd. Joe Albright. Drilled stock water-table well in sand, diam 6 in, depth 46 ft. Lsd, 2,090.15 ft above msl. Highest water level 25.83, July 23, 1953; lowest water level 32.74, Nov. 26, 1963. Records available: 1947-48, 1950-63. Apr. 25, 29.83; Sept. 4, 27.16; Nov. 26, 32.74; Dec. 20, 30.18.

30-15-12cb. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 31 ft. Highest water level 22.52, Aug. 6, 1963; lowest water level 23.40, Dec. 20, 1963. Records available: 1963. July 14, 22.80; Aug. 6, 22.52; Sept. 4, 22.89; Oct. 22, 23.11; Nov. 26, 23.28; Dec. 20, 23.40.

31-10-33dd. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 104.1 ft. Highest water level 72.87, Dec. 4, 1956; lowest water level 77.82, July 13, 1960. Records available: 1956-63. Apr. 25, 73.54; July 11, 73.36; Aug. 6, 73.43; Sept. 4, 73.40; Oct. 22, 73.41; Nov. 25, 73.60; Dec. 19, 73.63.

31-11-29aa. U.S. Bureau of Reclamation. Drilled observation well, diam 1 1/2 in, depth 39.9 ft. Highest water level 27.08, Oct. 8, 1956; lowest water level 30.06, Sept. 28, 1961. Records available: 1956-63. Apr. 25, 28.90; July 11, 29.17; Aug. 6, 29.28; Sept. 4, 29.38; Oct. 22, 29.47; Nov. 25, 29.56; Dec. 19, 29.55.

31-12-26aa. U.S. Bureau of Reclamation. Drilled observation well, diam 1 1/2 in, depth 35.5 ft. Highest water level 20.02, Dec. 4, 1956; lowest water level 22.50, Dec. 19, 1963. Records available: 1956-63. Apr. 25, 21.38; July 11, 21.49; Aug. 6, 21.80; Sept. 4, 21.91; Oct. 22, 21.98; Nov. 25, 22.47; Dec. 19, 22.50.

Holt County--Continued

31-12-27bb. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 125.2 ft. Highest water level 103.05, Oct. 8, 1956; lowest water level 108.88, July 14, 1960. Records available: 1956-63. Apr. 25, 106.15; July 11, 106.12; Aug. 6, 106.33; Sept. 4, 106.32; Oct. 22, 107.30; Nov. 25, 106.52; Dec. 19, 106.40.

31-12-33dd. U.S. Bureau of Reclamation. Drilled observation well, diam 1 1/4 in, depth 83.5 ft. Highest water level 68.72, Dec. 4, 1956; lowest water level 74.51, July 14, 1960. Records available: 1956-63. Apr. 25, 72.54; July 11, 72.44; Aug. 6, 72.44; Sept. 4, 72.46; Oct. 22, 72.44; Nov. 25, 72.47; Dec. 19, 72.20.

31-14-8aa. U.S. Bureau of Reclamation. Drilled observation well, diam 3/4 in, depth 39.9 ft. Highest water level 12.44, June 5, 1957; lowest water level 15.83, Sept. 28, 1961. Records available: 1956-63. Apr. 25, 14.02; July 11, 14.50; Aug. 6, 14.65; Sept. 4, 14.80; Oct. 22, 14.98; Nov. 26, 15.10; Dec. 20, 15.10.

31-14-33cc. U.S. Bureau of Reclamation. Drilled observation well, diam 1 1/4 in, depth 42.2 ft. Highest water level 28.03, July 12, 1956; lowest water level 32.62, Sept. 28, 1961. Records available: 1956-63. Apr. 25, 30.55; July 11, 30.79; Aug. 6, 31.08; Sept. 4, 31.53; Oct. 22, 31.80; Nov. 26, 31.85; Dec. 20, 31.85.

31-15-31aa. U.S. Geol. Survey. Bored observation water-table well in sand, diam 1 in, depth 10.30 ft. Highest water level 3.94, July 14, 1963; lowest water level 4.90, Dec. 20, 1963. Records available: 1963. July 14, 3.94; Aug. 6, 4.12; Sept. 4, 4.48; Oct. 22, 4.68; Nov. 26, 4.85; Dec. 20, 4.90.

31-15-32da. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 27 ft. Highest water level, 14.51, Aug. 6, 1963; lowest water level 15.37, Dec. 20, 1963. Records available: 1963. July 14, 14.65; Aug. 6, 14.51; Sept. 4, 14.60; Oct. 22, 14.94; Nov. 26, 15.20; Dec. 20, 15.37.

31-15-33ddc. U.S. Geol. Survey. Bored observation water-table well in clay and sand, diam 1 in, depth 26 ft. Highest water level 19.31, Dec. 20, 1963; lowest water level 23.80, July 14, 1963. Records available: 1963. July 14, 23.80; Aug. 6, 23.21; Sept. 4, 21.86; Oct. 22, 20.36; Nov. 26, 19.65; Dec. 20, 19.31.

31-16-20aa. U.S. Geol. Survey. Bored observation water-table well in sand, diam 1 in, depth 20.30 ft. Highest water level 11.37, Sept. 4, 1963; lowest water level 17.49, July 14, 1963. Records available: 1963. July 14, 17.49; Aug. 6, 11.70; Sept. 4, 11.37; Oct. 22, 12.25; Nov. 26, 12.44; Dec. 20, 12.93.

Holt County--Continued

31-16-20bbc. U.S. Geol. Survey. Bored observation water-table well in sand, diam 1 in, depth 27 ft. Highest water level 17.31, Aug. 6, 1963; lowest water level 18.21, Dec. 20, 1963. Records available: 1963. July 14, 17.64; Aug. 6, 17.31; Sept. 4, 17.64; Oct. 22, 18.00; Nov. 26, 18.12; Dec. 20, 18.21.

31-16-26da. U.S. Geol. Survey. Bored observation water-table well in sand, diam 1 in, depth 19.40 ft. Highest water level 13.55, Aug. 6, 1963; lowest water level 14.62, Dec. 20, 1963. Records available: 1963. July 14, 14.36; Aug. 6, 13.55; Sept. 4, 13.84; Oct. 22, 14.13; Nov. 26, 14.50; Dec. 20, 14.62.

Hooker County

24-35-23dc. U.S. Geol. Survey. Jetted observation water-table well in fine sand, diam 3/4 in, depth 20 ft. Highest water level 7.23, Sept. 4, 1958; lowest water level 12.09, Oct. 13, 1960. Records available: 1958-63. Oct. 30, 12.00.

Howard County

13-9-26dd. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 19 ft. Lsd, 1,818.18 ft above msl. Highest water level 3.41, May 1, 1951; lowest water level 12.53, Nov. 5, 1956. Records available: 1946-63. Apr. 24, g8.77; Sept. 27, g10.27.

15-10-7dd. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1 in, depth 9 ft. Highest water level 1.65, Apr. 12, 1960; lowest water level 5.55, Oct. 3, 1956. Records available: 1956-63. Mar. 28, 2.53; Dec. 22, 4.39.

15-10-34ab. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 45 ft. Lsd, 1,800.62 ft above msl. Highest water level 19.73, July 26, 1962; lowest water level 21.34, Sept. 10, 1963. Records available: 1961-63. Feb. 6, g20.02; Mar. 26, g19.93; May 10, g20.07; July 9, g20.41; Sept. 10, g21.34; Nov. 5, g20.84; Dec. 13, g20.74.

15-11-2ba. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 55 ft. Lsd, 1,841.14 ft above msl. Highest water level 23.85, July 1, 1960; lowest water level 25.00 Aug. 21, 1958. Records available: 1958-63. Mar. 28, 24.20; July 22, 24.96; Oct. 15, 24.80; Dec. 22, 24.63.

Howard County--Continued

15-11-2cd. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 51 ft. Lsd, 1,812.06 ft above msl. Highest water level 3.00, Apr. 12, 1960; lowest water level 7.52, Nov. 28, 1961. Records available: 1958-63. Mar. 28, 5.13; July 22, 5.02; Oct. 15, 6.99; Dec. 22, 6.67.

15-11-17ac. U.S. Bureau of Reclamation. Bored observation water-table well, diam $1\frac{1}{2}$ in, depth 173 ft. Lsd, 2,016.03 ft above msl. Highest water level 135.50, Feb. 5, 1963; lowest water level 136.85, Nov. 6, 1963. Records available: 1961-63. Feb. 5, g135.50; Mar. 25, g136.58; May 9, g136.53; July 8, g136.45; Sept. 6, g136.61; Nov. 6, g136.85; Dec. 12, g136.76.

15-11-28bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 182 ft. Lsd, 2,036.88 ft above msl. Highest water level 148.25, July 8, 1963; lowest water level 149.45, May 16, 1962. Records available: 1961-63. Feb. 5, g149.06; Mar. 25, g149.14; May 9, g148.88; July 8, g148.25; Sept. 6, g148.88; Nov. 6, g149.06; Dec. 12, g148.77.

16-11-7cc2. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 71 ft. Lsd, 1,871.34 ft above msl. Highest water level 17.66, May 17, 1960; lowest water level 22.95, Oct. 15, 1963. Records available: 1958-63. Mar. 28, 19.52; July 22, c31.11; Oct. 15, 22.95; Dec. 22, 21.97.

16-11-29cc. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 81 ft. Lsd, 1,879.24 ft above msl. Highest water level 22.20, July 1, 1960; lowest water level 27.63, Aug. 15, 1961. Records available: 1958-63. Mar. 28, 24.23; July 22, 27.61; Oct. 15, 27.24; Dec. 22, 26.12.

16-11-32aa. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 81 ft. Lsd, 1,854.50 ft above msl. Highest water level 12.67, Aug. 1, 1960; lowest water level 15.01, Dec. 22, 1963. Records available: 1958-63. Mar. 28, 14.08; July 22, 14.46; Oct. 15, 14.92; Dec. 22, 15.01.

16-12-32bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 127 ft. Highest water level 75.79, July 2, 1963; lowest water level 76.29, Dec. 12, 1963. Records available: 1962-63. Feb. 5, g75.97; Mar. 25, g75.90; May 9, g75.85; July 2, g75.79; Dec. 12, g76.29.

Jefferson County

A2-4-26dd. Dr. Claude Ellis. Drilled unused water-table well in alluvium, diam 8 in, depth 35 ft. Highest water level 7.27, Oct. 9, 1963; lowest water level 21.92, Nov. 1, 1941. Records available: 1934-42, 1944, 1946, 1953, 1955-56, 1958-63. Oct. 9, 7.27.

A3-1-14ba. Mrs. A. H. Knispel. Dug unused water-table well in glacial drift, diam 3 ft, depth 38 ft. Highest water level 25.79, Oct. 16, 1962; lowest water level 33.05, Apr. 12, 1940. Records available: 1934-42, 1946, 1953, 1955, 1958-63. Oct. 9, 26.37.

Johnson County

A6-9-26bb. L. L. Miller. Driven unused domestic water-table well, diam 12 in, depth 37.3 ft. Highest water level 19.88, Oct. 30, 1962; lowest water level dry, Dec. 5, 1961. Records available: 1934-42, 1944, 1946, 1954-58, 1960-63. Oct. 14, 36.52.

Kearney County

5-14-16cb. Nels Peterson. Drilled irrigation water-table well in sand, diam 18 in, depth 255 ft. Lsd, 2,179.70 ft above msl. Highest water level 140.10, Aug. 21, 1951; lowest water level 143.99, Oct. 24, 1963. Records available: 1947-53, 1955-58, 1960-61, 1963. Oct. 24, 143.99.

*5-15-3ba. Ed Downs. Drilled unused water-table well in sand and gravel, diam 6 in, depth 122 ft. Lsd, 2,192.73 ft above msl. Highest water level 93.79, Apr. 15, 1963; lowest water level 108.15, Aug. 8, 1947. Records available: 1947-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 94.79 | Apr. 30 | 94.62 | July 31 | 95.95 | Oct. 31 | 96.69 |
| Feb. 28 | 94.75 | May 31 | 94.14 | Aug. 31 | 95.19 | Nov. 30 | 96.25 |
| Mar. 31 | 94.48 | June 30 | 95.75 | Sept. 30 | 96.99 | Dec. 31 | 95.82 |

5-16-30da. R. R. Caswell. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 172 ft. Lsd, 2,228.21 ft above msl. Highest water level 135.48, May 24, 1951; lowest water level 137.65, Aug. 3, 1948. Records available: 1947-58, 1960-63. Oct. 24, 136.72.

6-13-16db. V. M. Youngson. Drilled irrigation water-table well in sand, diam 18 in, depth 171 ft. Lsd, 2,082.10 ft above msl. Highest water level 82.22, Dec. 16, 1954; lowest water level 89.42, Aug. 13, 1947. Records available: 1947-52, 1954-58, 1960-63. Oct. 24, 86.11.

*Recording gage.

Kearney County--Continued

6-14-21db. Eva L. Larson. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 2,155.93 ft above msl. Highest water level 98.26, Oct. 24, 1963; lowest water level 105.06, Sept. 19, 1958. Records available: 1947-52, 1954-58, 1960-63. Oct. 24, 98.26.

6-15-1cb. Roy Youngson. Drilled irrigation water-table well in gravel, diam 18 in, depth 176 ft. Lsd, 2,171.80 ft above msl. Highest water level 53.46, Dec. 3, 1962; lowest water level 71.36, June 29, 1948. Records available: 1948-63. Oct. 24, 54.31.

6-16-14ad. George Johnson. Drilled irrigation water-table well in sand, diam 12 in, depth 210 ft. Lsd, 2,217.72 ft above msl. Highest water level 52.92, Oct. 24, 1963; lowest water level 82.65, Apr. 12, 1949. Records available: 1948-58, 1960-63. Oct. 24, 52.92.

7-14-20ba. George Burchall. Drilled irrigation water-table well in sand, diam 18 in, depth 183 ft. Lsd, 2,155.96 ft above msl. Highest water level 65.90, Dec. 3, 1962; lowest water level 75.75, June 10, 1949. Records available: 1948-58, 1960-63. Oct. 24, 66.68.

8-14-23ba. U.S. Geol. Survey. Driven observation water-table well in silt and sand, diam $1\frac{1}{2}$ in, depth 13 ft. Lsd, 2,067.30 ft above msl. Highest water level 2.63, Nov. 15, 1946; lowest water level 6.98, Oct. 19, 1956. Records available: 1946-63. Apr. 29, g4.16; Oct. 1, g5.67; Oct. 24, 5.60.

8-15-21dc. George Raffety. Drilled irrigation water-table well in sand, diam 18 in, depth 32 ft. Lsd, 2,119.20 ft above msl. Highest water level 3.20, Nov. 15, 1946; lowest water level 7.47, Dec. 6, 1956. Records available: 1946-56, 1960-63. Oct. 24, 6.77.

8-16-28aa. U.S. Geol. Survey. Drilled observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 15 ft. Lsd, 2,159.34 ft above msl. Highest water level 4.36, Oct. 10, 1946; lowest water level 7.92, Oct. 19, 1956. Records available: 1946-63. Apr. 29, g5.85; Oct. 2, g6.33; Oct. 24, 6.45.

Keith County

13-35-6dd. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sand, diam 2 in, depth 15 ft. Lsd, 3,063.88 ft above msl. Highest water level 5.90, May 8, 1942; lowest water level 15.15, Oct. 7, 1960. Records available: 1938-46, 1948-55, 1957, 1959-63. Nov. 1, 14.34.

Keith County--Continued

13-36-6bc. Central Nebraska Public Power and Irrigation District. Driven observation water-table well in sand, diam 5 in, depth 11 ft. Lsd, 3,117.37 ft above msl. Highest water level 1.70, June 15, 1949; lowest water level 6.32, Oct. 6, 1943. Records available: 1936-54, 1957-63. Nov. 1, 3.36.

13-36-8cc. U.S. Geol. Survey. Drilled unused water-table well in alluvium, diam 15 in, depth 11 ft. Lsd, 3,111.83 ft above msl. Highest water level 1.22, Mar. 17, 1952; lowest water level 5.79, Aug. 17-22, 1946. Records available: 1946-58, 1961-63. Nov. 1, 3.28.

13-36-9ad. U.S. Geol. Survey. Drilled observation water-table well in alluvium, diam 15 in, depth 11 ft. Lsd, 3,093.68 ft above msl. Highest water level 0.04, Mar. 17, 1952; lowest water level 3.85, Aug. 27-28, 1955. Records available: 1946-58, 1962-63. Nov. 1, 2.40.

13-36-20ad. J. C. Graham. Drilled unused water-table well in sand, diam 6 in. Lsd, 3,197.69 ft above msl. Highest water level 84.55, Dec. 13, 1949; lowest water level 96.30, Nov. 6, 1947. Records available: 1947-51, 1960-63. Nov. 1, 90.49.

13-37-3ab. Charles E. Thalken. Drilled unused water-table well in gravel, diam 6 in. Highest water level 10.55, May 8, 1942; lowest water level 16.10, Oct. 15, 1957. Records available: 1935-49, 1953-55, 1957-63. Nov. 1, 14.29.

13-37-5ad. Central Nebraska Public Power and Irrigation District. Driven observation water-table well in sand, diam 5 in, depth 15 ft. Lsd, 3,157.48 ft above msl. Highest water level 9.70, June 25, 1947 and Apr. 3, 1948; lowest water level 13.85, Aug. 2, 1939. Records available: 1936-54, 1957-58, 1960-63. Nov. 1, 11.70.

13-38-3ba. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in coarse sand and gravel, diam 5 in, depth 19 ft. Lsd, 3,197.58 ft above msl. Highest water level 9.27, May 8, 1942; lowest water level 15.80, Oct. 1, 1955. Records available: 1936-55, 1957-58, 1961-63. Nov. 1, 13.39.

13-38-6ca. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in fine and coarse sand and gravel, diam 5 in. Lsd, 3,217.84 ft above msl. Highest water level 9.94, May 8, 1942; lowest water level 16.90, Nov. 2, 1954. Records available: 1936-55, 1957-63. Nov. 1, 14.38.

13-39-34dd. George Peters Estate. Drilled unused water-table well in sand and gravel, diam 3 in, depth 199 ft. Highest water level 166.07, Oct. 6, 1949; lowest water level 171.40, Oct. 16, 1957. Records available: 1935-42, 1947, 1949-50, 1954, 1957-63. Oct. 22, 167.59.

Keith County--Continued

13-41-24aa. School District #31. Drilled unused water-table well in sand and gravel, diam 3 in, depth 75 ft. Lsd, 3,371.59 ft above msl. Highest water level 57.70, Apr. 19, 1948; lowest water level 59.64, May 5, 1949. Records available: 1947-51, 1957-63. Oct. 22, 59.25.

16-38-7aa. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in fine sand, diam 4 in, depth 15 ft. Lsd, 3,499.11 ft above msl. Highest water level 7.50, July 31, 1962; lowest water level 13.00, Nov. 4, 1963. Records available: 1936-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 31 | 8.50 | Apr. 30 | 8.30 | July 1 | 8.70 | Sept. 30 | 8.90 |
| Feb. 28 | 8.40 | May 31 | 8.50 | 31 | 8.90 | Nov. 4 | 9.00 |
| Mar. 29 | 8.20 | June 13 | 8.54 | Aug. 30 | 9.00 | Dec. 2 | 8.90 |

Keya Paha County

33-21-8dd. U.S. Geol. Survey. Bored observation water-table well in sand, diam 1½ in, depth 21.50 ft. Highest water level 4.32, July 17, 1962; lowest water level 10.53, Sept. 28, Oct. 20, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 8.00 | July 12 | 8.82 | Sept. 4 | 9.49 | Nov. 26 | 9.53 |
| May 28 | 8.37 | Aug. 7 | 9.11 | Oct. 22 | 9.79 | Dec. 20 | 9.40 |

33-21-9ad. U.S. Geol. Survey. Bored observation water-table well in sand, diam 1½ in, depth 29.50 ft. Highest water level 5.62, July 17, 1962; lowest water level 10.76, Feb. 13, 1962. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 8.43 | July 12 | 8.95 | Sept. 4 | 9.47 | Nov. 26 | 9.90 |
| May 28 | 8.62 | Aug. 7 | 9.22 | Oct. 22 | 9.85 | Dec. 20 | 9.90 |

33-21-11bc. U.S. Geol. Survey. Bored observation water-table well in sand, diam 1½ in, depth 20 ft. Highest water level 3.58, July 17, 1962; lowest water level 10.25, Sept. 28, 1961. Records available: 1961-63.

Keya Paha County--Continued

33-21-11bc--continued.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 6.46 | July 12 | 7.56 | Sept. 4 | 8.75 | Nov. 26 | 9.30 |
| May 28 | 6.87 | Aug. 7 | 8.37 | Oct. 22 | 8.68 | Dec. 20 | 8.19 |

33-21-11cc. U.S. Geol. Survey. Bored observation water-table well in sand, diam 1½ in, depth 23 ft. Highest water level 6.99, July 17, 1962; lowest water level 12.17, Aug. 27, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 10.47 | July 12 | 10.34 | Sept. 4 | 10.70 | Nov. 26 | 11.03 |
| May 28 | 10.46 | Aug. 7 | 10.56 | Oct. 22 | 10.90 | Dec. 20 | 11.06 |

Kimball County

14-58-1cc. C. Gadekien. Drilled irrigation water-table well in sand, diam 18 in, depth 100 ft. Highest water level 31.59, Nov. 8, 1955; lowest water level 33.55, Aug. 30, 1953. Records available: 1953-57, 1960-63. Oct. 29, 32.95.

14-59-11dd. A. Mortensen. Drilled irrigation water-table well in sand, diam 18 in, depth 84 ft. Highest water level 21.98, Sept. 30, 1958; lowest water level 23.47, Oct. 27, 1954. Records available: 1950-52, 1954-58, 1960-63. Oct. 29, 22.54.

15-53-31bb. Robert Gunderson. Drilled irrigation water-table well in sand, diam 18 in, depth 85 ft. Highest water level 46.25, Jan. 24, 1952; lowest water level 52.19, Oct. 11, 1956. Records available: 1951-63. Oct. 29, 48.55.

15-55-17cc. Kimball Irrigation District. Drilled unused water-table well in gravel, diam 4 in, depth 114 ft. Lsd, 4,740.4 ft above msl. Highest water level 92.18, Jan. 2, 1936; lowest water level 100.95, Oct. 29, 1963. Records available: 1935-42, 1950-63. Oct. 29, 100.95.

Knox County

29-2-27dd. Lunberg Bros. Drilled stock water-table well in fine sand, diam 30 in, depth 14 ft. Highest water level 3.11, Dec. 7, 1960; lowest water level 10.89, Oct. 25, 1940. Records available: 1935-42, 1954-57, 1960-63. Oct. 18, 6.31.

29-8-22cc. Melvin Held. Drilled abandoned well, diam 6 in, depth 100 ft. Highest water level 77.17, Oct. 22, 1963; lowest water level 79.68, Nov. 30, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 25 | 77.48 | July 12 | 77.29 | Sept. 4 | 77.41 | Nov. 25 | 77.40 |
| May 28 | 77.43 | Aug. 7 | 77.42 | Oct. 22 | 77.17 | Dec. 19 | 77.27 |

30-3-11aa. Wm. Krohn. Dug unused water-table well in sand, gravel, and till, diam 36 in, depth 26 ft. Highest water level 18.99, Dec. 7, 1960; lowest water level 23.25, Oct. 9, 1937. Records available: 1934-42, 1946, 1953, 1955-63. Oct. 18, 19.73.

32-6-8dd. W. R. McGraw. Driven unused water-table well in gravel, diam 1 in, depth 18 ft. Highest water level 7.09, July 17, 1962; lowest water level 16.18, Oct. 30, 1940. Records available: 1935-42, 1946, 1953, 1955-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 8.38 | July 12 | 8.44 | Sept. 5 | 8.09 | Nov. 26 | 8.47 |
| May 28 | 8.26 | Aug. 7 | 8.17 | Oct. 23 | 8.08 | Dec. 20 | 9.15 |

33-7-30bc. U.S. Geol. Survey. Bored observation water-table well, diam 1½ in, depth 24 ft. Highest water level 9.24, June 27, 1962; lowest water level 14.73, Sept. 29, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 13.84 | July 12 | 13.89 | Sept. 5 | 14.07 | Nov. 26 | 14.37 |
| May 28 | 13.80 | Aug. 7 | 13.97 | Oct. 23 | 14.26 | Dec. 20 | 14.43 |

33-7-30cb. U.S. Geol. Survey. Driven observation water-table well in gravel, diam 1 in, depth 17 ft. Highest water level 8.46, June 27, 1962; lowest water level 12.85, Oct. 23, 1963. Records available: 1935-43, 1946, 1953, 1955-57, 1959-63.

Knox County--Continued

33-7-30cb--continued.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Apr. 9 | 12.19 | July 12 | 11.61 | Sept. 5 | 12.80 | Nov. 26 | 12.74 |
| May 28 | 11.85 | Aug. 7 | 12.50 | Oct. 23 | 12.85 | Dec. 20 | 12.76 |

Lancaster County

A8-6-1aa. U.S. Geol. Survey. Drilled unused water-table well in sand and alluvium, diam 1½ in, depth 21 ft. Lsd, 1,198.5 ft above msl. Highest water level 7.36, Apr. 16, 1952; lowest water level 16.78, Mar. 2, 1955. Records available: 1951-63. Oct. 8, 12.39.

A8-6-33aa. Fred Gervig. Drilled observation water-table well in sand, diam 8 in, depth 14 ft. Highest water level 0.48, Mar. 12, 1952; lowest water level 6.11, Sept. 9, 1953. Records available: 1951-63. Oct. 8, 2.20.

*A8-6-34dd. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 53 ft. Highest water level 3.41, Apr. 5, 1960; lowest water level 8.90, July 31, 1954. Records available: 1954-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 25 | h5.48 | Apr. 30 | 4.85 | July 31 | 5.11 | Oct. 31 | 5.11 |
| Feb. 28 | 5.09 | May 31 | 4.82 | Aug. 31 | 5.25 | Nov. 30 | 5.09 |
| Mar. 31 | 4.75 | June 20 | 4.95 | Sept. 30 | 5.17 | Dec. 5 | 5.04 |

A8-7-18ddb. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 8 in, depth 41 ft. Highest water level 1.63, Aug. 25, 1954; lowest water level 12.55, June 20, 1956. Records available: 1954-63. Oct. 8, 8.43.

A8-7-20dda. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 33 ft. Highest water level +0.16, Mar. 27, 1960; lowest water level 11.55, Mar. 20, 1957. Records available: 1954-63. Jan. 5, 6.81; Oct. 8, 5.93.

A8-7-33ab. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 33 ft. Highest water level 1.77, Apr. 16, 1952; lowest water level 11.09, Mar. 12, 1957. Records available: 1951-63. Oct. 8, 4.51.

*Recording gage.

Lancaster County--Continued

A9-6-5dd. U.S. Geol. Survey. Drilled unused water-table well in alluvium, diam 1½ in, depth 33 ft. Highest water level 5.53, Apr. 16, 1952; lowest water level 10.71, Oct. 7, 1963. Records available: 1951-63. Oct. 7, 10.71.

A10-5-16bb. A. C. Hoppman. Drilled observation water-table well in alluvium, diam 12 in, depth 36 ft. Highest water level 14.39, Apr. 30, 1952; lowest water level 21.86, Oct. 24, 1955. Records available: 1952, 1954-63. Oct. 8, 20.11.

A10-5-22dad. U.S. Geol. Survey. Drilled unused water-table well in alluvium, diam 1½ in, depth 33 ft. Highest water level 10.47, Nov. 28, 1951; lowest water level 21.22, Oct. 8, 1963. Records available: 1951-63. Oct. 8, 21.22.

A10-6-1cc. H. R. Keech. Drilled unused water-table well, diam 8 in, depth 70 ft. Highest water level 6.38, July 3, 1951; lowest water level 27.82, Feb. 17, 1957. Records available: 1949-63. Oct. 2, 20.00.

A10-6-13da. U.S. Geol. Survey. Drilled unused water-table well in sand and alluvium, diam 1½ in, depth 32 ft. Highest water level 13.10, Apr. 5, 1960; lowest water level 19.00, May 31, 1956. Records available: 1951-63. Oct. 1, 15.60.

A10-6-26bd. Valley Ice Co. Drilled industrial water-table well in alluvium, diam 8 in, depth 72 ft. Highest water level 28.28, Dec. 28, 1960; lowest water level 38.49, Dec. 15, 1955. Records available: 1954-63. Oct. 7, 30.05.

A10-6-34ca. U.S. Geo.. Survey. Drilled observation water-table well in sand, diam 8 in, depth 36 ft. Highest water level 10.00, July 15, 1952; lowest water level 18.53, Feb. 20, 1957. Records available: 1951-63. Oct. 7, 16.74.

*A10-6-36cdd. City of Lincoln. Drilled unused water-table well in sandstone, diam 16 in, depth 170 ft. Highest water level 61.36, Dec. 25, 1963; lowest water level 71.19, Sept. 5, 1956. Records available: 1951-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 62.00 | Apr. 30 | 62.28 | July 31 | 62.13 | Oct. 31 | 62.09 |
| Feb. 28 | 62.22 | May 31 | 61.83 | Aug. 31 | 61.96 | Nov. 30 | 61.93 |
| Mar. 31 | 62.01 | June 30 | 62.07 | Sept. 30 | 61.90 | Dec. 31 | 61.83 |

A11-6-20dc. U.S. Geol. Survey. Drilled observation water-table well in sand and alluvium, diam 8 in, depth 34 ft. Highest water level 11.69, Oct. 8, 1963; lowest water level 17.53, Jan. 5, 10, 1957. Records available: 1951-63. Oct. 8, 11.69.

*Recording gage.

Lancaster County--Continued

All-6-31ac. U.S. Geol. Survey. Drilled unused water-table well in sand and alluvium, diam $1\frac{1}{2}$ in, depth 25 ft. Highest water level 12.67, Apr. 23, 1952; lowest water level 18.10, Oct. 12, 1955. Records available: 1951-63. Oct. 8, 14.78.

All-7-35cb. U.S. Geol. Survey. Drilled unused water-table well in fine sand, diam $1\frac{1}{2}$ in, depth 23 ft. Highest water level 9.40, Apr. 30, 1952; lowest water level 19.45, Nov. 9, 1956. Records available: 1951-61, 1963. Oct. 1, 16.98.

All-8-17dc. Clark Jeary. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 91 ft. Highest water level 8.59, Apr. 30, 1952; lowest water level 20.25, Nov. 30, 1956. Records available: 1950, 1952-56, 1958-63. Oct. 1, 15.25.

Lincoln County

10-32-17cc. J. M. Fristo. Drilled unused water-table well in sand and gravel, diam 4 in, depth 210 ft. Highest water level 135.66, Oct. 23, 1963; lowest water level 148.57, Jan. 22, 1941. Records available: 1934-42, 1944, 1953-63. Oct. 23, 135.66.

10-34-18da. G. R. Kennealy. Drilled abandoned domestic and stock well in sand, diam 3 in, depth 169 ft. Lsd, 3,221.44 above msl. Highest water level 151.94, Oct. 23, 1963; lowest water level 159.60, Sept. 1, 1949. Records available: 1949, 1958-63. Oct. 23, 151.94.

12-26-35db. R. D. McWha. Drilled irrigation water-table well in sand, diam 24 in, depth 42 ft. Lsd, 2,609.43 ft above msl. Highest water level 7.32, July 13, 1947; lowest water level 12.75, Sept. 9, 1958. Records available: 1946-55, 1958, 1960-63. Nov. 1, 10.70.

12-27-14aa. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1 in, depth 18 ft. Lsd, 2,646.40 ft above msl. Highest water level 2.98, July 2, 1935; lowest water level 7.07, Aug. 30, 1941. Records available: 1934-55, 1960-63. Nov. 1, 5.56.

12-27-28dd. U.S. Geol. Survey. Drilled observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 28 ft. Lsd, 2,663.15 ft above msl. Highest water level 11.79, July 7, 1949; lowest water level 14.67, Oct. 4, 1961. Records available: 1947-55, 1960-63. Nov. 1, 13.73.

12-28-8bc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 85 ft. Highest water level 35.20, Mar. 29, 1949; lowest water level 38.38, Oct. 31, 1962. Records available: 1947-51, 1960-63. Nov. 1, 36.23.

Lincoln County--Continued

13-28-16dd. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 17 ft. Highest water level 2.46, Mar. 12, 1952; lowest water level 6.59, Oct. 4, 1960. Records available: 1947-55, 1960-63. Nov. 1, 5.22.

13-30-9ca. Nebraska Highway Department. Bored water-table well in gravel, diam $1\frac{1}{4}$ in, depth 12 ft. Lsd, 2,799.85 ft above msl. Highest water level 2.73, Nov. 14, 1957; lowest water level 4.87, Dec. 17, 1956. Records available: 1953, 1955-58, 1960-63. Nov. 1, 3.49.

13-30-9cb. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 13 ft. Lsd, 2,800.99 ft above msl. Highest water level 0.90, June 13, 1947; lowest water level dry, Sept. 10, 1947. Records available: 1946-63. Nov. 1, 3.78.

13-30-21bb. U.S. Geol. Survey. Driven observation water-table well in sand and gravel, diam $1\frac{1}{4}$ in, depth 22 ft. Lsd, 2,819.03 ft above msl. Highest water level 9.57, May 3, 1949; lowest water level 19.92, Sept. 17, 1936. Records available: 1934-63. Nov. 1, 10.88.

14-30-9ca. U.S. Geol. Survey. Drilled observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 26 ft. Lsd, 2,832.35 ft above msl. Highest water level 2.24, Mar. 11, 1952; lowest water level 6.05, Sept. 12, 1946. Records available: 1946-63. Nov. 1, 3.65.

14-30-16db. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 13 ft. Lsd, 2,806.83 ft above msl. Highest water level +0.2, Apr. 24, 1957; lowest water level 3.45, Aug. 13, 1953. Records available: 1946-63. Nov. 1, 1.58.

14-30-21cd. U.S. Geol. Survey. Driven observation water-table well in gravel, diam $1\frac{1}{4}$ in, depth 13 ft. Lsd, 2,801.50 ft above msl. Highest water level 2.54, Mar. 11, 1952; lowest water level 5.33, Sept. 18, 1953. Records available: 1946-63. Nov. 1, 3.42.

14-30-28dc. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 12 ft. Lsd, 2,798.85 ft above msl. Highest water level 4.08, Aug. 7, 1951; lowest water level 7.72, Sept. 18, 1953. Records available: 1946-57, 1959, 1962-63. Nov. 1, 6.41.

14-33-17da. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1 in, depth 15 ft. Highest water level 0.45, Aug. 3, 1945; lowest water level 5.01, Mar. 23, 1956. Records available: 1936-46, 1951, 1954, 1956, 1960-63. Nov. 1, 4.68.

14-33-27da. U.S. Geol. Survey. Dug and drilled observation water-table well, diam 15 in, depth 10 ft. Lsd, 2,934.06 ft above msl. Highest water level 1.58, June 27, 1949; lowest water level 6.70, Feb. 20-22, 1952. Records available: 1943-63. Nov. 1, 5.39.

Lincoln County--Continued

15-31-13dd. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 2 in, depth 60 ft. Highest water level 6.00, Sept. 9, 1958; lowest water level 9.55, Oct. 27, 1941. Records available: 1934-42, 1951-55, 1958-63. Nov. 1, 6.35.

16-31-4ab. U.S. Geol. Survey. Drilled observation water-table well in fine sand, diam 2 in, depth 120 ft. Highest water level 65.48, Oct. 2, 1951; lowest water level 71.11, May 21, 1952. Records available: 1935-42, 1951-63. Nov. 1, 68.28.

Logan County

17-27-5ba. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 23 ft. Highest water level 10.61, Oct. 31, 1962; lowest water level 13.63, Nov. 4, 1940. Records available: 1936-42, 1960-63. Nov. 1, 11.13.

Loup County

21-17-28ab. Fritz Brockman. Drilled irrigation water-table well. Highest water level 27.26, Nov. 17, 1960; lowest water level 30.94, Aug. 29, 1957. Records available: 1957-63. Nov. 13, 27.37.

21-17-32ac. Marcia Smith. Drilled irrigation water-table well in sand and gravel, diam 18 in. Highest water level 21.28, Oct. 6, 1961; lowest water level 24.67, Apr. 15, 1952. Records available: 1950-63. Nov. 13, 22.84.

21-18-18cd. Art Coleman. Drilled irrigation water-table well in gravel, diam 18 in, depth 131 ft. Highest water level 13.90, July 10, 1951; lowest water level 15.21, Aug. 29, 1957. Records available: 1950-53, 1957-63. Nov. 13, 14.69.

21-18-20bd. Charles Ford. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 115 ft. Highest water level 28.37, July 14, 1953; lowest water level 31.61, Aug. 29, 1957. Records available: 1950-53, 1957-63. Nov. 13, 29.29.

21-18-22aa. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 15 ft. Highest water level 3.54, Feb. 15, 1952; lowest water level 5.31, July 16, 1940. Records available: 1935-42, 1948, 1950-63. Nov. 13, 3.87.

Loup County--Continued

21-18-26cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Highest water level 24.96, Oct. 5, 1961; lowest water level 29.26, July 22, 1952. Records available: 1950-53, 1958-63. Nov. 13, 25.36.

21-18-27ba. North Loup Public Power and Irrigation District. Driven observation water-table well in sand, diam 1½ in, depth 7 ft. Highest water level 1.43, Nov. 1, 1950; lowest water level 6.80, Feb. 25, 1953. Records available: 1950-53, 1958-63. Nov. 13, 4.78.

21-18-35ba. Lester Stekel. Drilled irrigation water-table well. Highest water level 31.11, Nov. 8, 1962; lowest water level 33.94, Feb. 25, 1958. Records available: 1951, 1958-63. Nov. 13, 31.41.

21-19-4bc. Bill Strong. Driven unused water-table well in sand, diam 1½ in, depth 22 ft. Highest water level 8.73, Feb. 9, 1955; lowest water level 12.54, Oct. 5, 1961. Records available: 1951-63. Nov. 13, 12.10.

21-19-13db. Susie Ferguson. Drilled irrigation water-table well in gravel, diam 18 in, depth 132 ft. Highest water level 16.34, Apr. 15, 1952; lowest water level 20.14, July 14, 1952. Records available: 1950-53, 1957-63. Nov. 13, 17.17.

22-20-24db. Oscar Anderson. Drilled irrigation water-table well in sand, diam 18 in. Highest water level 17.75, Nov. 7, 1962; lowest water level 18.79, Oct. 5, 1961. Records available: 1951, 1957-58, 1960-63. Nov. 13, 18.08.

Madison County

22-1-33cb. Alvin Christian. Drilled unused artesian well in sand, diam 8 in, depth 60 ft. Highest water level +1.76, Dec. 5, 1960; lowest water level 3.25, Aug. 18, 1936. Records available: 1935-51, 1953, 1955-63. Oct. 17, +0.82.

22-1-34dc. U.S. Geol. Survey. Bored observation water-table well in sandy clay, diam 1 in, depth 32 ft. Highest water level 10.10, Dec. 19, 1963; lowest water level 10.87, Oct. 21, 1963. Records available: 1963. Oct. 21, 10.87; Nov. 25, 10.74; Dec. 19, 10.10.

24-4-6dc. Alvin G. Peterson. Drilled irrigation water-table well in sand, diam 18 in, depth 101 ft. Highest water level 23.44, Oct. 25, 1962; lowest water level 25.40, Dec. 1, 1953. Records available: 1951-63. Oct. 17, 23.89.

Madison County--Continued

24-4-25cc. E. C. King. Drilled irrigation water-table well in sand, diam 18 in, depth 155 ft. Highest water level 2.98, Aug. 30, 1951; lowest water level 8.00, Sept. 12, 1955. Records available: 1951-63. Oct. 17, 6.75.

McPherson County

18-31-16dd. U.S. Geol. Survey. Drilled observation water-table well in fine sand, diam 2 in, depth 120 ft. Highest water level 105.74, Oct. 17, 1937; lowest water level 109.92, Jan. 10, 1951. Records available: 1935-42, 1951-63. Nov. 1, 108.69.

Merrick County

11-8-3dd. U.S. Geol. Survey. Driven observation water-table well in gravel, diam 1½ in, depth 9 ft. Lsd, 1,795.73 ft above msl. Highest water level 0.55, Mar. 17, 1948; lowest water level 5.47, Nov. 7, 1956. Records available: 1946-63. Apr. 23, g2.36; July 24, 3.88; Sept. 9, 4.55; Sept. 27, g2.79.

11-8-8bb. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 42 ft. Lsd, 1,821.18 ft above msl. Highest water level 8.54, May 1, 1951; lowest water level 12.98, Nov. 7, 1956. Records available: 1947-51, 1953, 1955-63. Apr. 23, g10.45; Sept. 27, g11.68.

12-7-4dc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 46 ft. Lsd, 1,756.09 ft above msl. Highest water level 6.61, May 2, 1960; lowest water level 11.11, May 27, 1957. Records available: 1947-51, 1953, 1955-63. Apr. 23, g8.66; Sept. 27, g9.82.

12-7-7aa. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1½ in, depth 13 ft. Lsd, 1,762.16 ft above msl. Highest water level 4.20, Apr. 11, 1960; lowest water level 10.26, Nov. 5, 1956. Records available: 1945-63. Feb. 7, 7.51; Apr. 23, g7.16; June 28, 7.28; July 24, 7.15; Sept. 9, 8.09; Sept. 27, g8.08; Nov. 28, 8.37.

12-7-17bc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,768.40 ft above msl. Highest water level 5.65, May 2, 1960; lowest water level 10.42, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-63. Apr. 23, g8.03; Sept. 27, g8.73.

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12-8-7dc. Owner unknown. Drilled irrigation water-table well in sand and gravel, diam 22 in, depth 47 ft. Highest water level 8.51, May 27, 1952; lowest water level 22.07, Nov. 5, 1956. Records available: 1946-63. Apr. 23, g12.32; Sept. 27, g17.56; Oct. 16, 16.87.

12-8-12cc. Owner unknown. Drilled irrigation water-table well in sand diam 18 in, depth 32 ft. Lsd, 1,774.70 ft above msl. Highest water level 2.82, Apr. 29, 1949; lowest water level 8.58, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-63. Apr. 23, g4.68; Sept. 27, g6.35.

12-8-20cc. Owner unknown. Drilled irrigation water-table well in sand diam 24 in, depth 79 ft. Lsd, 1,824.99 ft above msl. Highest water level 17.02, Apr. 29, 1949; lowest water level 27.31, Sept. 20, 1957. Records available: 1947-50, 1953, 1955-63. Apr. 23, g19.04; Sept. 27, g24.25.

12-8-28dc. U.S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1½ in, depth 12 ft. Lsd, 1,799.83 ft above msl. Highest water level +0.91, July 24, 1951; lowest water level 5.12, Nov. 7, 1956. Records available: 1945-63. Feb. 7, 1.97; Apr. 23, g1.52; June 28, 1.68; Sept. 9, 3.72; Sept. 27, g3.57; Nov. 28, 3.57.

*12-8-36bc1. U.S. Geol. Survey. Jetted observation water-table well in sand and gravel, diam 6 in, depth 8 ft. Lsd, 1,785.38 ft above msl. Highest water level 1.27, Apr. 1, 1960; lowest water level 5.71, Aug. 25, 26, 1963. Records available: 1958-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 3.83 | Apr. 30 | 3.70 | July 31 | 5.42 | Oct. 31 | 4.87 |
| Feb. 28 | 3.37 | May 31 | 4.23 | Aug. 31 | 5.50 | Nov. 30 | 4.68 |
| Mar. 31 | 3.64 | June 30 | 4.89 | Sept. 30 | 5.00 | Dec. 31 | 4.24 |

13-6-2bc. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 1,687.85 ft above msl. Highest water level 2.86, May 27, 1952; lowest water level 9.15, Nov. 5, 1956. Records available: 1945-63. Apr. 25, g6.00; Sept. 30, g7.87.

13-6-4bb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 39 ft. Lsd, 1,704.08 ft above msl. Highest water level 8.22, May 2, 1961; lowest water level 14.61, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-63. Apr. 25, g10.62; Sept. 28, g13.43.

13-6-7bb. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 1,713.73 ft above msl. Highest water level 4.09, July 10, 1947; lowest water level 10.42, Nov. 5, 1956. Records available: 1946-63. Apr. 25, g6.83; Sept. 28, g8.86; Oct. 16, 8.87.

*Recording gage.

Merrick County--Continued

13-6-15cb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 46 ft. Lsd, 1,702.74 ft above msl. Highest water level 5.10, May 3, 1960; lowest water level 10.32, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-63. Apr. 25, g7.26; Sept. 30, g8.47.

13-6-28bb. U.S. Geol. Survey. Driven observation water-table well in fine sand, diam $1\frac{1}{2}$ in, depth 12 ft. Highest water level 5.02, Mar. 27, 1952; lowest water level 9.42, Oct. 4, 1955. Records available: 1946-63. Apr. 25, g6.56; Sept. 30, g7.74; Oct. 16, 7.63.

13-7-4bc. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 13 ft. Highest water level 2.95, Mar. 9, 1949; lowest water level 11.00, May 24, 1956. Records available: 1946-51, 1953, 1955-63. Apr. 24, g8.48; Sept. 27, g6.25.

13-7-10cc. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 69 ft. Lsd, 1,745.02 ft above msl. Highest water level 7.81, Apr. 29, 1949; lowest water level 16.76, Nov. 5, 1956. Records available: 1947-51, 1953, 1956-63. Apr. 23, g12.19; Sept. 27, g14.14.

13-7-16cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 95 ft. Highest water level 11.35, Oct. 26, 1949; lowest water level 19.94, Nov. 5, 1956. Records available: 1949-50, 1955-63. Apr. 23, g15.62; Sept. 27, g16.93.

13-7-22dc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 43 ft. Lsd, 1,738.45 ft above msl. Highest water level 2.79, Apr. 29, 1949; lowest water level 10.24, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-63. Apr. 23, g5.54; Sept. 27, g7.77.

13-7-27bc. T. C. Reeves. Irrigation water-table well, depth 47 ft. Highest water level 4.32, May 3, 1960; lowest water level 10.02, Nov. 5, 1956. Records available: 1955-63. Apr. 23, g5.69; Sept. 27, g7.73.

13-7-29cb. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 11 ft. Lsd, 1,749.49 ft above msl. Highest water level 0.40, Mar. 9, 1949; lowest water level 7.31, Nov. 5, 1956. Records available: 1946-63. Apr. 23, g3.57; Sept. 27, g5.07.

13-7-30cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,774.82 ft above msl. Highest water level 14.68, Apr. 29, 1949; lowest water level 21.83, Nov. 5, 1956. Records available: 1947-51, 1955-63. Apr. 23, g17.62; Sept. 27, g19.27.

13-8-1cb. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 28 ft. Highest water level 2.80, May 27, 1959; lowest water level 9.95, Nov. 7, 1956. Records available: 1950, 1955-63. Apr. 23, g6.27; Sept. 27, g7.26.

Merrick County--Continued

13-8-10cd. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,778.63 ft above msl. Highest water level 2.79, Apr. 29, 1949; lowest water level 11.09, Nov. 5, 1956. Records available: 1947-50, 1953, 1955-63. Apr. 23, g7.22; Sept. 27, g9.47.

13-8-14cc. Otto Scheer. Dug irrigation water-table well in sand, diam 24 in, depth 48 ft. Highest water level 7.68, July 22, 1950; lowest water level 18.35, Nov. 5, 1956. Records available: 1950, 1955-63. Apr. 23, g12.25; Sept. 27, g13.58.

13-8-32dd. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in. Lsd, 1,803.84 ft above msl. Highest water level 8.78, Oct. 13, 1950; lowest water level 20.15, Nov. 5, 1956. Records available: 1947-48, 1950-51, 1953, 1955-63. Apr. 23, g12.53; Sept. 27, g15.63.

14-4-18bb. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 12 ft. Lsd, 1,625.85 ft above msl. Highest water level 1.97, Mar. 7, 1949; lowest water level 7.16, Nov. 6, 1956. Records available: 1946-63. Apr. 26, g4.36; Sept. 30, g4.65.

14-5-3dd. U.S. Geol. Survey. Jetted observation water-table well in sand and gravel, diam ¾ in, depth 14 ft. Highest water level 2.13, Apr. 30, 1951; lowest water level 6.73, Nov. 6, 1956. Records available: 1950-51, 1955-63. Apr. 26, g4.13; Sept. 30, g4.65.

14-5-4bb. R. W. Beck. Drilled irrigation water-table well in sand, diam 18 in, depth 26 ft. Highest water level 3.66, May 28, 1959; lowest water level 9.78, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 26, g6.33; Sept. 30, g6.32.

14-5-4cb. Mrs. Alfa Sampson. Drilled irrigation water-table well in sand, diam 24 in, depth 35 ft. Highest water level 8.38, May 3, 1960; lowest water level 14.75, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 26, g10.79; Sept. 30, g10.37.

14-5-7bb. U.S. Geol. Survey. Jetted observation water-table well in silty clay and very fine to coarse sand, diam ¾ in, depth 10 ft. Highest water level 2.30, May 28, 1959; lowest water level 6.95, Nov. 6, 1956. Records available: 1950, 1953, 1955-63. Apr. 25, g3.85; Sept. 30, g4.62.

14-5-9cc2. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 30 ft. Lsd, 1,649.70 ft above msl. Highest water level 4.14, May 27, 1952; lowest water level 9.83, Nov. 6, 1956. Records available: 1947-63. Apr. 26, g6.69; Sept. 30, g7.57; Oct. 16, 7.55.

14-5-15da. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,643.56 ft above msl. Highest water level 4.36, Apr. 29, 1949; lowest water level 9.27, Nov. 6, 1956. Records available: 1947-51, 1953, 1955-63. Apr. 26, g6.62; Sept. 30, g6.66.

Merrick County--Continued

14-5-17dd. U.S. Geol. Survey. Jetted observation water-table well in sandy silt, clay, sand, and gravel, diam 3/4 in, depth 18 ft. Highest water level 6.41, May 3, 1960; lowest water level 12.49, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 26, g9.73; Sept. 30, g10.54.

14-5-28cb. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 40 ft. Lsd, 1,659.73 ft above msl. Highest water level 3.68, May 28, 1959; lowest water level 9.00, Nov. 6, 1956. Records available: 1947-51, 1953, 1955-63. Apr. 26, g6.23; Sept. 30, g7.22.

14-5-31bc. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 32 ft. Lsd, 1,672.25 ft above msl. Highest water level 2.05, Apr. 29, 1949; lowest water level 6.93, Sept. 10, 1953. Records available: 1947-51, 1953, 1955-63. Apr. 25, g4.30.

14-6-2cc. U.S. Geol. Survey. Jetted observation water-table well in silty clay, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 1.70, May 2, 1958; lowest water level 7.99, Nov. 6, 1956. Records available: 1950-51, 1955-63. Apr. 25, g3.40; Sept. 30, g5.02.

14-6-4bb. U.S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 13 ft. Highest water level 5.83, Aug. 8, 1950; lowest water level dry, Oct. 6, 1955; Nov. 7, 1956; and May 28, 1957. Records available: 1950, 1955-63. Apr. 25, g9.01; Sept. 28, g11.12.

14-6-9bb. U.S. Geol. Survey. Jetted observation water-table well in sandy silt, sand, and gravel, diam 3/4 in, depth 19 ft. Highest water level 5.81, May 2, 1961; lowest water level 14.33, Nov. 7, 1956. Records available: 1950-51, 1955-63. Apr. 25, g8.43; Sept. 28, g9.47.

14-6-18bb. U.S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 4.48, Aug. 8, 1950; lowest water level 9.89, Nov. 7, 1956 and May 28, 1957. Records available: 1950, 1955-63. Apr. 25, g6.67; Sept. 28, g6.77.

14-6-24bc. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in. Lsd, 1,664.54 ft above msl. Highest water level 4.45, Mar. 29, 1947; lowest water level 10.48, Nov. 6, 1956. Records available: 1947-51, 1953, 1955-63. Apr. 25, g8.32; Sept. 30, g8.81.

14-6-25dd. U.S. Geol. Survey. Jetted observation water-table well in sandy silt loam, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 2.19, May 3, 1960; lowest water level 7.98, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 25, g5.21; Sept. 30, g6.24.

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14-7-5dd. U.S. Geol. Survey. Jetted observation water-table well in sandy silt and very fine sand, diam 3/4 in, depth 23 ft. Highest water level 4.80, June 10, 1961; lowest water level 10.21, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 25, g5.40; Sept. 27, g6.81.

14-7-8dd. U.S. Geol. Survey. Jetted observation water-table well in silt, clay, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 0.15, Apr. 26, 1951; lowest water level 6.24, Nov. 7, 1956. Records available: 1950-52, 1955-63. Apr. 25, g2.58; Sept. 27, g3.33.

14-7-11cc. U.S. Geol. Survey. Jetted observation water-table well in silt, clay, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 6.01, Aug. 8, 1950 and May 1, 1961; lowest water level 10.10, Sept. 28, 1963. Apr. 25, g8.95; Sept. 28, g10.10.

14-7-21cb. Henry Tsudy. Drilled irrigation water-table well in gravel, diam 8 in, depth 32 ft. Lsd, 1,737.77 ft above msl. Highest water level 4.16, Apr. 13, 1949; lowest water level 10.69, Nov. 7, 1956. Records available: 1934-42, 1945-63. Oct. 16, 8.46.

14-7-26cc. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 1/4 in, depth 22 ft. Highest water level 9.58, July 5, 1949; lowest water level dry, Nov. 7, 1956; May 28, 1957; and Sept. 27, 1963. Records available: 1946-63. Apr. 25, g15.30; Sept. 27, gf.

14-8-12dd. U.S. Geol. Survey. Driven observation water-table well in sandy silt, clay, and sand, diam 3/4 in, depth 21 ft. Highest water level 13.73, Sept. 5, Oct. 31, 1950; lowest water level 18.90, Nov. 7, 1956. Records available: 1950, 1955-63. Apr. 25, g15.54; Sept. 27, g16.31.

14-8-25dd. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,752.55 ft above msl. Highest water level 4.51, Apr. 29, 1949; lowest water level 11.57, Nov. 7, 1956. Records available: 1947-51, 1953, 1955-63. Apr. 23, g7.42; Sept. 27, g8.57.

15-3-6aa. U.S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 1.40, May 3, 1961; lowest water level 6.36, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 26, g4.30; Sept. 30, g4.73.

15-4-8bb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Highest water level 25.45, Sept. 28, 1949; lowest water level 33.42, Nov. 6, 1956. Records available: 1949-50, 1955-63. Apr. 26, g28.00; Sept. 30, g30.67.

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15-4-8dd. U.S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 3.39, May 3, 1961; lowest water level 9.82, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 26, g6.17; Sept. 30, g7.12.

15-4-15aa. U.S. Geol. Survey. Jetted observation water-table well in silt, clay, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 0.75, May 4, 1960; lowest water level 6.17, Nov. 5, 1956. Records available: 1950, 1955-63. Apr. 26, g3.52; Sept. 30, g4.40.

15-4-21cc. J. L. Jorecki. Drilled irrigation water-table well in sand, diam 24 in, depth 50 ft. Highest water level 4.33, May 29, 1959; lowest water level 8.75, Nov. 5, 1956. Records available: 1950, 1955-63. Apr. 26, g5.64; Sept. 30, g5.95.

15-4-31cc. U.S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1½ in, depth 12 ft. Lsd, 1,615.79 ft above msl. Highest water level 2.07, May 27, 1952; lowest water level 6.81, Nov. 6, 1956. Records available: 1945-63. Apr. 26, g3.94; Sept. 30, g4.00; Oct. 16, 4.27.

15-4-33bc. Owner unknown. Drilled irrigation water-table well in sand, diam 12 in, depth 20 ft. Lsd, 1,604.59 ft above msl. Highest water level 3.64, May 3, 1961; lowest water level 8.30, Nov. 6, 1956. Records available: 1947-51, 1953, 1956-63. Apr. 26, g5.22; Sept. 30, g6.25.

15-5-2cc. U.S. Geol. Survey. Jetted observation water-table well in silty clay and sand, diam 3/4 in, depth 12 ft. Highest water level 2.20, May 3, 1961; lowest water level 9.14, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 26, g3.99; Sept. 30, g6.29.

15-5-8dd. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 19 ft. Lsd, 1,650.32 ft above msl. Highest water level 11.15, July 8, 1947; lowest water level 18.00, Nov. 6, 1956. Records available: 1946-63. Apr. 25, g14.87; Sept. 30, g15.39; Oct. 16, 15.12.

15-5-13dd. U.S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 11 ft. Highest water level 2.00, May 4, 1960; lowest water level 6.99, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 26, g4.27; Sept. 30, g4.03.

15-5-16cc. William A. Morris. Drilled irrigation water-table well in gravel, diam 24 in, depth 35 ft. Highest water level 12.33, Aug. 1, 1950; lowest water level 21.22, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 26, g16.01; Sept. 30, g16.86.

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15-5-18cd. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 52 ft. Lsd, 1,665.93 ft above msl. Highest water level 13.34, Aug. 29, 1950; lowest water level 18.25, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 25, g15.67; Sept. 30, g15.57.

15-5-21cc. U.S. Geol. Survey. Jetted observation water-table well in clayey silt, sand, and gravel, diam 3/4 in, depth 17 ft. Highest water level 6.28, May 28, 1959; lowest water level 11.98, Nov. 6, 1956. Records available: 1950-52, 1955-63. Apr. 26, g9.63; Sept. 30, g9.14.

15-5-22aa. U.S. Geol. Survey. Jetted observation water-table well in silt, clay, and medium to coarse sand, diam 3/4 in, depth 14 ft. Highest water level 5.51, May 3, 1961; lowest water level 10.96, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 26, g7.16; Sept. 30, g8.30.

15-5-25aa. U.S. Geol. Survey. Jetted observation water-table well in sandy silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 3.63, May 3, 1961; lowest water level 9.09, Nov. 6, 1956. Records available: 1950, 1955-63. Apr. 26, g6.31; Sept. 30, g6.27.

15-5-30cc. U.S. Geol. Survey. Jetted observation water-table well in silt, sand, and sandy clay, diam 3/4 in, depth 10 ft. Highest water level 3.66, May 2, 1958; lowest water level dry, June 14, 1955; Nov. 6, 1956; and May 28, 1957. Records available: 1950, 1955-63. Apr. 25, g5.05; Sept. 30, g6.23.

15-5-32aa. Joe Kiolbasa. Drilled irrigation water-table well in clay and gravel, diam 24 in, depth 33 ft. Highest water level 6.47, May 28, 1959; lowest water level 15.10, May 23, 1956. Records available: 1950, 1955-63. Apr. 26, g9.13; Sept. 30, g9.97.

15-6-21cc. U.S. Geol. Survey. Jetted observation water-table well in sand and silt, diam 3/4 in, depth 21 ft. Lsd, 1,699.90 ft above msl. Highest water level 12.80, May 2, 1961; lowest water level 16.22, Nov. 7, 1956. Records available: 1950, 1955-63. Apr. 25, g14.99; Sept. 28, g15.23.

15-6-27dd. U.S. Geol. Survey. Jetted observation water-table well in sand and gravel, diam 3/4 in, depth 14 ft. Highest water level 4.39, May 2, 1961; lowest water level 10.46, Nov. 7, 1956. Records available: 1950-52, 1955-63. Apr. 25, g6.87; Sept. 30, g6.20.

15-6-31cc. U.S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 5.64, Aug. 8, 1950; lowest water level 11.82, Nov. 7, 1956. Records available: 1950, 1955-63. Apr. 25, g7.97; Sept. 28, g9.56.

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15-6-32aa. U.S. Geol. Survey. Jetted observation water-table well in sand and gravel, diam 3/4 in, depth 14 ft. Highest water level 3.53, May 3, 1960; lowest water level 8.33, Nov. 7, 1956. Records available: 1950, 1955-63. Apr. 25, g6.50; Sept. 28, g6.20.

15-6-35cc. U.S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 5.92, May 28, 1959; lowest water level dry, Oct. 6, 1955; May 23, 1956; and May 28, 1957. Records available: 1950, 1955-63. Apr. 25, g10.91; Sept. 30, g10.77.

15-7-25dd. U.S. Geol. Survey. Jetted observation water-table well in sandy silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 3.67, Aug. 8, 1950; lowest water level 7.20, Oct. 5, 1955. Records available: 1950, 1955-63. Apr. 25, g5.71; Sept. 28, g5.32.

15-7-26cc. U.S. Geol. Survey. Jetted observation water-table well in silty clay, sand, and gravel, diam 3/4 in, depth 21 ft. Highest water level 14.38, May 1, 1961; lowest water level 17.70, Sept. 28, 1963. Records available: 1950, 1955-58, 1961-63. Apr. 25, g15.50; Sept. 28, g17.70.

15-8-33cb. Dinsdale Bros. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 56 ft. Highest water level 10.38, Feb. 6, 1950; lowest water level 17.25, Nov. 7, 1956. Records available: 1948-63. Apr. 25, g12.24; Sept. 28, g13.20; Oct. 16, 13.06.

16-3-27cc. Paul Pearson. Drilled irrigation water-table well in sand and gravel, diam 22 in, depth 28 ft. Lsd, 1,543.99 ft above msl. Highest water level 4.05, Mar. 7, 1949; lowest water level 9.84, Nov. 1, 1934. Records available: 1934-42, 1944-55, 1957-58, 1960-63. Oct. 16, 7.51.

16-4-32dd. U.S. Geol. Survey. Jetted observation water-table well in silt and very fine to coarse sand, diam 3/4 in, depth 14 ft. Highest water level 1.17, May 4, 1960; lowest water level 6.98, Nov. 6, 1956. Records available: 1950, 1956-63. Apr. 26, g3.51; Sept. 30, g4.84; Oct. 16, 5.17.

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18-52-11dd. J. Barden. Drilled irrigation water-table well in coarse gravel, diam 18 in. Highest water level 22.43, Apr. 1, 1953; lowest water level 25.22, Oct. 29, 1963. Records available: 1949-53, 1955, 1960-63. Oct. 29, 25.22.

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19-48-26dc. Agostino Peonio. Drilled irrigation water-table well in sand, diam 24 in, depth 64 ft. Highest water level 8.76, Oct. 17, 1957; lowest water level 11.24, Apr. 18, 1951. Records available: 1951-53, 1957-63. Oct. 29, 10.94.

19-49-23cd. W. E. Guthrie Estate. Drilled irrigation water-table well in gravel, diam 24 in, depth 60 ft. Highest water level 9.33, Aug. 20, 1950; lowest water level 11.95, May 9, 1950. Records available: 1936-42, 1944, 1948-58, 1960-63. Oct. 29, 11.33.

19-50-30cd. P. Reuter. Drilled irrigation water-table well in gravel, diam 24 in, depth 81 ft. Highest water level 23.06, Jan. 27, 1950; lowest water level 24.22, Oct. 10, 1960. Records available: 1949-53, 1955, 1957, 1959-63. Oct. 29, 23.93.

20-50-17bb. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 22 ft. Highest water level 9.14, Oct. 7, 1959; lowest water level 15.95, May 9, 1946. Records available: 1946-53, 1957-59, 1961-63. Aug. 21, 11.75; Oct. 29, 9.52.

20-50-28bb. Fred Smith. Drilled unused water-table well in sand and gravel, diam 1½ in, depth 35 ft. Highest water level 11.87, Sept. 7, 1951; lowest water level 17.33, Oct. 26, 1954. Records available: 1934-42, 1944-63. Aug. 21, 13.29; Oct. 29, 13.68.

20-50-32aa. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 6 in, depth 7 ft. Lsd, 3,666.02 ft above msl. Highest water level 1.20, May 31, 1961; lowest water level dry, July 16, 1954; July 29, 1955; June 12, 1956; and July 5, 30, and Aug. 15, 1963. Records available: 1930-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 30 | g4.62 | Apr. 30 | g4.92 | July 30 | gf | Oct. 31 | g4.32 |
| Feb. 25 | g4.39 | May 30 | g4.81 | Aug. 30 | g5.25 | Nov. 30 | g4.41 |
| Mar. 28 | g4.28 | June 25 | g5.39 | Sept. 30 | g4.52 | Dec. 31 | g4.10 |

21-50-33bc. Lester Winters. Drilled observation water-table well, diam 6 in, depth 93 ft. Highest water level 17.76, Aug. 31, 1948; lowest water level 47.85, June 11, 1946. Records available: 1946-53, 1957, 1961-63. Oct. 29, 27.10.

20-50-14bc. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 12 ft. Highest water level +0.06, May 9, 1949; lowest water level 2.69, Aug. 21, 1963. Records available: 1946-58, 1960-63. Aug. 21, 2.69; Oct. 29, 2.13.

Nance County

15-8-1aa. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 141 ft. Lsd, 1,781.37 ft above msl. Highest water level 76.07, Apr. 27, 1962; lowest water level 78.51, Dec. 14, 1959. Records available: 1958-63. Mar. 28, 77.08; July 23, 77.27; Oct. 15, 77.31; Dec. 22, 77.30.

15-8-1dd. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 71 ft. Lsd, 1,728.40 ft above msl. Highest water level 39.25, July 1, 1960; lowest water level 40.37, Oct. 24, 1958. Records available: 1958-63. Mar. 28, 39.70; July 23, 40.06; Oct. 15, 40.07; Dec. 22, 40.16.

15-8-14bc. U.S. Bureau of Reclamation. Drilled observation water-table well. Highest water level 10.39, May 17, 1960; lowest water level 13.37, Oct. 3, 1956. Records available: 1956-63. Mar. 28, 11.54; July 23, 12.08; Oct. 15, 11.50; Dec. 22, 11.75.

16-4-31bc. U.S. Geol. Survey. Driven observation water-table well in sand and gravel, diam $1\frac{1}{2}$ in, depth 12 ft. Highest water level 3.08, Apr. 22, 1949; lowest water level 9.27, Apr. 18, 1956. Records available: 1948-51, 1953, 1955-63. Oct. 16, 7.75.

16-5-3bc. U.S. Geol. Survey. Jetted observation water-table well, diam $\frac{3}{4}$ in, depth 26 ft. Highest water level 15.17, June 4, 1962; lowest water level 16.64, Oct. 19, 1961. Records available: 1960-63. Mar. 27, 16.03; July 1, 16.52; Aug. 5, 16.41; Sept. 3, 16.07; Oct. 14, 16.27.

16-5-4ab. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 34 ft. Lsd, 1,625.14 ft above msl. Highest water level 27.37, Apr. 24, 1962; lowest water level 30.44, Nov. 27, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|---------|-------------|
| Jan. 30 | 29.74 | July 1 | 29.58 | Sept. 3 | 30.16 | Nov. 27 | 30.44 |
| Mar. 27 | 29.07 | Aug. 5 | 29.89 | Oct. 14 | 30.40 | Dec. 21 | 30.03 |
| May 29 | 29.29 | | | | | | |

16-5-7bc. U.S. Geol. Survey. Jetted observation water-table well, diam $\frac{3}{4}$ in, depth 36 ft. Highest water level 26.29, Apr. 24, 1962; lowest water level 27.85, Sept. 3, 1963. Records available: 1960-63. Mar. 27, 26.80; July 1, 27.43; Aug. 5, 27.78; Sept. 3, 27.85; Oct. 14, 27.62.

16-6-1da. U.S. Geol. Survey. Drilled observation water-table well, diam $\frac{3}{4}$ in, depth 46 ft. Highest water level 37.10, Nov. 2, 1960; lowest water level 38.08, Aug. 5, 1963. Records available: 1960-63. Mar. 27, 37.50; July 1, 38.00; Aug. 5, 38.08; Sept. 3, 37.99; Oct. 14, 37.87.

Nance County--Continued

16-6-2cb. U.S. Geol. Survey. Jetted observation water-table well, diam 3/4 in, depth 33 ft. Highest water level 17.98, Sept. 30, 1960; lowest water level 22.23, Sept. 3, 1963. Records available: 1960-63. Mar. 27, 20.04; July 1, 21.66; Aug. 5, 21.98; Sept. 3, 22.23; Oct. 14, 22.11.

16-6-14ad1. C. A. Aldrich. Drilled irrigation water-table well in gravel, diam 10 in, depth 51 ft. Lsd, 1,642.87 ft above msl. Highest water level 25.24, July 1, 1949; lowest water level 30.84, Oct. 26, 1940. Records available: 1936-37, 1939-42, 1947-51, 1956, 1958-63. Oct. 16, 26.87.

16-6-22cb. U.S. Bureau of Reclamation. Drilled observation water-table well. Highest water level 3.57, May 17, 1960; lowest water level 6.16, Oct. 3, 1956. Records available: 1956-63. Mar. 28, 4.44.

16-6-30cb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 61 ft. Lsd, 1,686.51 ft above msl. Highest water level 23.72, Aug. 2, 1960; lowest water level 25.89, Oct. 26, 1959. Records available: 1958-63. Mar. 28, 24.56; July 23, 24.85; Oct. 16, 25.03; Dec. 22, 25.08.

16-7-25dd. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 51 ft. Lsd, 1,671.14 ft above msl. Highest water level 21.18, July 1, 1960; lowest water level 22.43, Oct. 24, 1958. Records available: 1958-63. Mar. 28, 21.44; July 23, 21.97; Oct. 15, 22.06; Dec. 22, 22.13.

16-7-28dd. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth unknown. Lsd, 1,738.38 ft above msl. Highest water level 47.15, June 10, 1959; lowest water level 52.57, Mar. 23, 1961. Records available: 1958-63. Mar. 28, 50.82; July 23, 51.44; Oct. 15, 47.82; Dec. 22, 49.23.

16-7-33dd. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 91 ft. Lsd, 1,703.41 ft above msl. Highest water level 28.63, June 26, 1962; lowest water level 30.68, Feb. 16, 1960. Records available: 1958-63. Mar. 28, 29.21; July 23, 29.64; Oct. 15, 29.23; Dec. 22, 29.68.

16-7-34bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 71 ft. Lsd, 1,716.72 ft above msl. Highest water level 31.41, Oct. 11, 1962; lowest water level 32.94, Oct. 26, 1959. Records available: 1958-63. Mar. 28, 31.55; July 23, 31.79; Oct. 15, 32.04; Dec. 22, 32.05.

16-7-36ad. U.S. Bureau of Reclamation. Drilled observation water-table well. Highest water level 3.83, Apr. 12, 1960; lowest water level 7.27, Oct. 3, 1956. Records available: 1956-63. Mar. 28, 5.17; July 23, 6.68; Oct. 15, 6.16; Dec. 22, 6.34.

Nance County--Continued

17-4-17aa. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 58 ft. Lsd, 1,634.14 ft above msl. Highest water level 36.30, Sept. 9, 1963; lowest water level 37.34, Dec. 21, 1963. Records available: 1963. Sept. 9, g36.30; Nov. 27, 36.37; Dec. 21, 37.34.

17-4-21bd. Loup River Public Power District. Drilled observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 34 ft. Highest water level 14.52, Apr. 26, 1949; lowest water level 26.89, Nov. 20, 1952. Records available: 1948-52, 1958-63. Oct. 16, 25.00.

17-4-22dd. Loup River Public Power District. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 21 ft. Lsd, 1,565.7 ft above msl. Highest water level 5.97, Sept. 2, 1959; lowest water level 11.69, Oct. 16, 1963. Records available: 1950-52, 1958-63. Oct. 16, 11.69.

17-4-31aal. Loup River Public Power District. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 17 ft. Lsd, 1,575.9 ft above msl. Highest water level 6.90, July 25, 1950; lowest water level 10.60, Oct. 23, 1962. Records available: 1950-52, 1958-63. Oct. 16, 8.13.

17-5-13bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 163 ft. Lsd, 1,790.81 ft above msl. Highest water level 126.07, Sept. 9, 1963; lowest water level 126.34, Dec. 21, 1963. Records available: 1963. Sept. 9, g126.07; Nov. 27, 126.20; Dec. 21, 126.34.

17-5-15bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 173 ft. Lsd, 1,807.23 ft above msl. Highest water level 133.94, Nov. 27, 1963; lowest water level 134.20, Dec. 21, 1963. Records available: 1963. Sept. 9, g134.08; Nov. 27, 133.94; Dec. 21, 134.20.

17-5-18bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 47 ft. Lsd, 1,694.71 ft above msl. Highest water level 22.10, Nov. 27, 1963; lowest water level 23.06, Sept. 9, 1963. Records available: 1963. Sept. 9, g23.06; Nov. 27, 22.10; Dec. 21, 22.87.

17-5-35da. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 31.5 ft. Lsd, 1,597.01 ft above msl. Highest water level 15.65, Sept. 9, 1963; lowest water level 15.70, Nov. 27, 1963. Records available: 1963. Sept. 9, g15.65; Nov. 27, 15.70; Dec. 21, 15.68.

17-6-9bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 152 ft. Lsd, 1,794.61 ft above msl. Highest water level 5.13, Nov. 27, 1963; lowest water level 5.45, Dec. 21, 1963. Records available: 1963. Nov. 27, 5.13; Dec. 21, 5.45.

17-6-10da. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 162 ft. Lsd, 1,847.80 ft above msl. Highest water level 47.30, Nov. 27, 1963; lowest water level 48.41, Dec. 21, 1963. Records available: 1963. Nov. 27, 47.30; Dec. 21, 48.41.

Nance County--Continued

17-6-19bd. Owner unknown. Drilled domestic water-table well in sand, diam 3 in, depth 69 ft. Highest water level 36.60, May 24, 1950; lowest water level 41.47, Nov. 1, 1949. Records available: 1948-51, 1958-63. Mar. 27, 39.73; Sept. 3, 40.01; Oct. 15, 40.04.

17-6-19cc. U.S. Geol. Survey. Jetted observation water-table well, diam 3/4 in, depth 26 ft. Highest water level 1.49, May 17, 1961; lowest water level 3.85, July 1, 1963. Records available: 1960-63. Mar. 27, 2.33; July 1, 3.85; Aug. 5, 2.79; Sept. 3, 2.11; Oct. 15, 2.94.

17-6-19dd. U.S. Geol. Survey. Jetted observation water-table well, diam 3/4 in, depth 29 ft. Highest water level 26.60, June 5, 1962; lowest water level 27.26, Oct. 15, 1963. Records available: 1960-63. Mar. 27, 26.80; July 2, 26.93; Aug. 5, 27.07; Sept. 3, 27.23; Oct. 15, 27.26.

17-6-29ca. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1 1/4 in, depth 23 ft. Lsd, 1,663.69 ft above msl. Highest water level 6.01, Mar. 27, 1963; lowest water level 7.41, Sept. 26, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|---------|-------------|
| Jan. 30 | 6.46 | July 2 | 6.80 | Sept. 3 | 6.56 | Nov. 27 | 6.55 |
| Mar. 27 | 6.01 | Aug. 5 | 7.06 | Oct. 15 | 6.51 | Dec. 21 | 6.44 |
| May 29 | 6.26 | | | | | | |

17-6-32cb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1 1/4 in, depth 68 ft. Lsd, 1,706.70 ft above msl. Highest water level 32.08, Aug. 5, 1963; lowest water level 37.57, July 1, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|---------|-------------|
| Jan. 30 | 36.43 | July 1 | 37.57 | Sept. 3 | 32.48 | Nov. 27 | 35.23 |
| Mar. 27 | 36.43 | Aug. 5 | 32.08 | Oct. 15 | 34.50 | Dec. 21 | 35.53 |
| May 29 | 37.02 | | | | | | |

17-6-34ad. Wm. Christiansen. Drilled domestic water-table well in sand and gravel, diam 3 in, depth 77 ft. Highest water level 40.30, May 24, 1950; lowest water level 47.32, Aug. 5, 1963. Records available: 1935-42, 1948-51, 1953, 1955-63. Mar. 27, 45.25; Aug. 5, 47.32; Sept. 3, 46.75; Oct. 14, 46.36.

17-6-35cc. U.S. Geol. Survey. Jetted observation water-table well, diam 3/4 in, depth 43 ft. Highest water level 19.05, Sept. 30, 1960; lowest water level 22.35, Aug. 5, 1963. Records available: 1960-63. Mar. 27, 21.45; Aug. 5, 22.35; Sept. 3, 21.09; Oct. 14, 22.20.

Nance County--Continued

17-7-12cb. U.S. Geol. Survey. Jetted observation water-table well, diam 3/4 in, depth 39 ft. Highest water level 1.44, May 17, 1961; lowest water level 5.21, Aug. 15, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|---------|-------------|
| Jan. 30 | 2.07 | July 2 | 4.70 | Sept. 3 | 3.88 | Nov. 27 | 3.20 |
| Mar. 27 | 1.73 | Aug. 5 | 5.20 | Oct. 15 | 3.65 | Dec. 21 | 3.25 |
| May 29 | 3.20 | | | | | | |

17-7-13dd. U.S. Geol. Survey. Jetted observation water-table well, diam 3/4 in, depth 41 ft. Highest water level 5.79, Aug. 5, 1963; lowest water level 11.43, Feb. 15, 1961. Records available: 1960-63. Mar. 27, 10.72; Aug. 5, 5.79; Sept. 3, 6.36.

17-7-18ca. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 79 ft. Lsd, 1,770.36 ft above msl. Highest water level 37.32, Apr. 24, 1962; lowest water level 39.54, Aug. 5, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|---------|-------------|
| Jan. 30 | 37.75 | July 2 | 38.84 | Sept. 3 | 38.18 | Nov. 27 | 38.63 |
| Mar. 27 | 37.46 | Aug. 5 | 39.54 | Oct. 15 | 39.08 | Dec. 21 | 38.36 |
| May 29 | 37.85 | | | | | | |

17-7-18da. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 71 ft. Lsd, 1,762.41 ft above msl. Highest water level 34.74, Apr. 24, 1962; lowest water level 38.45, Aug. 5, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|---------|-------------|
| Jan. 30 | 35.71 | July 2 | 36.49 | Sept. 3 | 38.40 | Nov. 27 | 37.08 |
| Mar. 27 | 35.15 | Aug. 5 | 38.45 | Oct. 15 | 37.73 | Dec. 21 | 36.87 |
| May 29 | 35.43 | | | | | | |

17-7-25ad. U.S. Geol. Survey. Drilled observation water-table well, diam 3/4 in, depth 16 ft. Highest water level 10.55, Aug. 23, 1962; lowest water level 15.02; July 1, 1963. Records available: 1959-63. Mar. 27, 12.77; July 1, 15.02; Aug. 5, 13.95; Sept. 3, 13.01; Oct. 15, 13.20.

18-4-19ab. Homer Peterson. Drilled stock water-table well in sand, diam 4 in, depth 42 ft. Highest water level 6.05, July 25, 1950; lowest water level 16.48, Apr. 18, 1956. Records available: 1948-63. Oct. 16, 12.87.

Nance County--Continued

18-4-32aa. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 40 ft. Lsd, 1,614.53 ft above msl. Highest water level 18.17, Dec. 21, 1963; lowest water level 18.76, Sept. 9, 1963. Records available: 1963. Sept. 9, g18.76; Nov. 27, 18.44; Dec. 21, 18.17.

18-5-26dc. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 117 ft. Lsd, 1,730.10 ft above msl. Highest water level 77.35, Dec. 21, 1963; lowest water level 79.15, Sept. 9, 1963. Records available: 1963. Sept. 9, g79.15; Nov. 27, 77.51; Dec. 21, 77.35.

18-5-31bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 381.5 ft. Lsd, 1,799.20 ft above msl. Highest water level 105.26, Nov. 27, 1963; lowest water level 107.67, Sept. 9, 1963. Records available: 1963. Sept. 9, g107.67; Nov. 27, 105.26; Dec. 21, 105.28.

18-5-34bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 78.5 ft. Lsd, 1,742.08 ft above msl. Highest water level 74.31, Dec. 21, 1963; lowest water level 74.84, Nov. 27, 1963. Records available: 1963. Sept. 9, g74.76; Nov. 27, 74.84; Dec. 21, 74.31.

18-6-35aa. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 68 ft. Lsd, 1,731.27 ft above msl. Highest water level 28.02, Sept. 9, 1963; lowest water level 28.21, Dec. 21, 1963. Records available: 1963. Sept. 9, g28.02; Nov. 27, 28.20; Dec. 21, 28.21.

Nemaha County

A6-13-10aa. R. C. Teegarden. Drilled irrigation water-table well in sand and gravel, diam 36 in, depth 71 ft. Highest water level 4.68, Oct. 30, 1962; lowest water level 5.41, Oct. 14, 1963. Records available: 1962-63. Oct. 14, 5.41.

Nuckolls County

1-5-31cb. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam $1\frac{1}{4}$ in, depth 23 ft. Highest water level 15.27, May 1, 1952; lowest water level 20.43, Nov. 2, 1948. Records available: 1947-58, 1960-63. Mar. 28, g15.8; Oct. 9, 15.51.

Nuckolls County--Continued

1-6-31cc. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 13 ft. Lsd, 1,548.12 ft above msl. Highest water level 8.1, June 2, 1960; lowest water level 12.53, Dec. 21, 1948. Records available: 1947-63. Mar. 28, g9.3; May 15, g10.3; Sept. 18, g9.7; Oct. 9, 9.61; Nov. 14, g9.9.

1-7-32bb. U.S. Bureau of Reclamation. Drilled and jetted observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 12 ft. Lsd, 1,576.90 ft above msl. Highest water level 0.09, June 26, 1951; lowest water level 6.68, Sept. 26, 1956. Records available: 1947-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|----------|-------------|--------|-------------|--------|-------------|
| Apr. 1 | g3.4 | July 23 | g5.2 | Oct. 9 | 2.55 | Dec. 8 | g1.8 |
| May 21 | g5.0 | Sept. 19 | g3.1 | Nov. 8 | g0.9 | 19 | g3.8 |

1-8-7dd. U.S. Geol. Survey. Drilled observation water-table well in loess, diam $1\frac{1}{4}$ in, depth 12 ft. Highest water level +0.3, July 2, 1962; lowest water level 8.60, July 23, 1963. Records available: 1946-63. Mar. 28, g4.3; May 15, g7.4; July 23, g8.6; Sept. 18, g5.2; Oct. 9, 6.09.

1-8-23ab. U.S. Geol. Survey. Drilled observation water-table well in silt, loess, and clay, diam 8 in, depth 18 ft. Lsd, 1,598.15 ft above msl. Highest water level 0.02, July 29, 1951; lowest water level 7.91, July 8-9, 1950. Records available: 1950-63. Mar. 28, g1.3; May 15, g1.8; July 23, g2.2; Oct. 9, 0.49; Nov. 13, 0.9.

4-7-26aa. W. N. Statz. Drilled unused water-table well in sand, diam 6 in, depth 72 ft. Highest water level 48.64, Oct. 9, 1963; lowest water level 56.55, Dec. 31, 1946. Records available: 1935-41, 1946, 1954-56, 1958-63. Oct. 9, 48.64.

Otoe County

A8-9-3bb. U.S. Geol. Survey. Driven observation water-table well in silt, diam $1\frac{1}{4}$ in, depth 22 ft. Highest water level 1.20, June 25, 1947; lowest water level 10.99, Oct. 14, 1936. Records available: 1934-37, 1940-42, 1944, 1946-47, 1953-56, 1958, 1960-63. Oct. 14, 5.84.

A8-11-7cc. Will J. Gellerman. Dug domestic water-table well in alluvium, diam 24 in, depth 20 ft. Highest water level 1.30, June 25, 1947; lowest water level 14.38, Nov. 30, 1956. Records available: 1934-42, 1944, 1946-47, 1953-56, 1958, 1960-63. Oct. 14, 9.55.

Pawnee County

A2-11-8aa. Norbert Puhalla. Dug stock water-table well in alluvium, diam 42 in, depth 32 ft. Highest water level 10.84, Oct. 24, 1944; lowest water level 28.56, Oct. 6, 1937. Records available: 1934-40, 1942, 1944, 1946, 1953, 1955, 1957-63. Oct. 14, 13.96.

Perkins County

11-39-35ddd. August Lagler. Drilled unused water-table well in gravel, diam 3 in, depth 199 ft. Highest water level 152.21, Oct. 22, 1963; lowest water level 162.10, Apr. 29, 1935. Records available: 1934-42, 1952-63. Oct. 22, 152.21.

Phelps County

5-19-22da. Warp. Drilled unused water-table well in sand, diam 12 in, depth 246 ft. Lsd, 2,378.81 ft above msl. Highest water level 200.54, Dec. 3, 1962; lowest water level 204.64, Sept. 13, 1949. Records available: 1947-57, 1960-63. Oct. 23, 200.69.

5-20-16dc. Alvin Rademaker. Drilled unused water-table well in sand, diam 5 in, depth 45 ft. Lsd, 2,270.56 ft above msl. Highest water level 32.99, Oct. 23, 1963; lowest water level 39.95, July 22, 1948. Records available: 1948-58, 1960-63. Oct. 23, 32.99.

6-17-15ad. Carl Rumste. Drilled irrigation water-table well in sand, diam 18 in, depth 170 ft. Lsd, 2,253.60 ft above msl. Highest water level 50.51, Oct. 23, 1963; lowest water level 90.08, Aug. 6, 1947. Records available: 1947-52, 1954-58, 1960-63. Oct. 23, 50.51.

6-19-2aa. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sand, diam 1 in, depth 151 ft. Lsd, 2,360.81 ft above msl. Highest water level 62.40, Oct. 23, 1963; lowest water level 123.70, Mar. 9, 1945. Records available: 1945-56, 1958-63. Oct. 23, 62.40.

6-19-21dc. Robert Bushnell. Drilled unused water-table well in sand, diam 4 in, depth 165 ft. Lsd, 2,375.99 ft above msl. Highest water level 127.35, Oct. 23, 1963; lowest water level 152.60, Sept. 26, 1950. Records available: 1948-58, 1960-63. Oct. 23, 127.35.

Phelps County--Continued

7-18-3cc. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sand, diam 4 in, depth 85 ft. Lsd, 2,314.29 ft above msl. Highest water level 53.40, Oct. 23, 1963; lowest water level 80.85, May 15, 1948. Records available: 1948-58, 1960-63. Oct. 23, 53.40.

7-18-35ab. Alfred L. Anderson. Drilled irrigation water-table well in sand, diam 18 in, depth 123 ft. Lsd, 2,281.53 ft above msl. Highest water level 28.94, Oct. 23, 1963; lowest water level 72.74, May 12, 1948. Records available: 1948-58, 1960-63. Oct. 23, 28.94.

8-17-24bc. F. R. Skiles. Drilled irrigation water-table well in gravel, diam 24 in, depth 43 ft. Lsd, 2,187.39 ft above msl. Highest water level 7.60, July 8, 1949; lowest water level 12.23, Oct. 27, 1940. Records available: 1930-53, 1955-56, 1960-63. Oct. 23, 10.05.

8-18-16cc. Gus A. Nelson. Drilled irrigation water-table well in sand, diam 24 in, depth 38 ft. Lsd, 2,251.87 ft above msl. Highest water level 5.69, May 3, 1963; lowest water level 9.26, Aug. 9, 1946. Records available: 1946-56, 1959-63. May 3, g5.69; Oct. 3, g8.31; Oct. 23, 7.01.

8-19-18aa. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sand, diam 2 in, depth 9 ft. Highest water level 1.24, Mar. 12, 1949; lowest water level 3.83, Sept. 23, 1961. Records available: 1949-56, 1960-63. Oct. 23, 3.24.

8-19-33cc. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sand, diam 4 in, depth 117 ft. Lsd, 2,350.97 ft above msl. Highest water level 19.22, Oct. 23, 1963; lowest water level 51.70, May 10, 1948. Records available: 1948-58, 1960-63. Oct. 23, 19.22.

8-20-8cd. Mrs. A. D. Matson. Drilled irrigation water-table well in sand, diam 24 in, depth 48 ft. Lsd, 2,337.85 ft above msl. Highest water level 3.97, Sept. 11, 1950; lowest water level 8.90, Aug. 9, 1946. Records available: 1946-56, 1960-63. Oct. 23, 7.41.

Pierce County

25-1-28bc. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 28.50 ft. Highest water level 7.53, Dec. 19, 1963; lowest water level 7.90, Oct. 21, 1963. Records available: 1963. Oct. 21, 7.90; Nov. 25, 7.70; Dec. 19, 7.53.

Pierce County--Continued

26-2-26da. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 27.50 ft. Highest water level 6.24, Dec. 19, 1963; lowest water level 6.63, Oct. 21, 1963. Records available: 1963, Oct. 21, 6.63; Nov. 25, 6.30; Dec. 19, 6.24.

27-3-33ad. Village of Foster. Drilled domestic water-table well in sand and gravel, diam 4 in, depth 45 ft. Highest water level 1.50, June 4, 1935; lowest water level 4.75, Aug. 23, 1934. Records available: 1934-42, 1946, 1953, 1955-57, 1959, 1962-63. Oct. 17, 4.25.

Platte County

A18-1-28cd. Loup River Public Power District. Drilled observation water-table well in sand, diam 2 in, depth 99 ft. Lsd, 1,511.8 ft above msl. Highest water level 60.30, Mar. 27, Apr. 24, 1940; lowest water level 72.81, Oct. 9, 1958. Records available: 1935-40, 1942-53, 1956-63. Oct. 16, 71.58.

16-2-1cb. Owner unknown. Observation water-table well, diam 1½ in, depth 16 ft. Lsd, 1,489.11 ft above msl. Highest water level 1.86, Apr. 15, 1949; lowest water level 8.46, Nov. 28, 1956. Records available: 1947-50, 1956, 1958-63. Oct. 15, 6.89.

16-2-9cc. John F. Nyffeler. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 38 ft. Lsd, 1,508.17 ft above msl. Highest water level 0.39, Apr. 15, 1949; lowest water level 5.13, Nov. 28, 1956. Records available: 1946-56, 1958-63. Oct. 15, 4.25.

16-2-12ab. Herman Ernst. Driven domestic water-table well in sand and gravel, diam 1½ in, depth 17 ft. Lsd, 1,488.63 ft above msl. Highest water level 6.24, Apr. 15, 1949; lowest water level 12.68, Nov. 28, 1956. Records available: 1934-42, 1944-56, 1958-63. Oct. 15, 10.78.

17-1-2cc. Loup River Public Power District. Driven observation water-table well in sand, diam 1½ in, depth 22 ft. Lsd, 1,468.4 ft above msl. Highest water level 6.80, Apr. 13, 1942; lowest water level 13.29, Oct. 8, 1936. Records available: 1935-40, 1942-52, 1954-55, 1957, 1959-63. Oct. 16, 11.35.

17-1-34dc. J. C. Ernst. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 65 ft. Lsd, 1,458.86 ft above msl. Highest water level 6.29, July 7, 1947; lowest water level 12.28, Nov. 28, 1956. Records available: 1945-56, 1958-63. Oct. 15, 9.80.

Platte County--Continued

17-2-6bd. Loup River Public Power District. Driven observation water-table well in sand, diam 1½ in, depth 23 ft. Highest water level 12.53, June 6, 1949; lowest water level 14.69, Oct. 16, 1963. Records available: 1948-52, 1954-55, 1957-63. Oct. 16, 14.69.

17-2-24cb. Loup River Public Power District. Driven observation water-table well in sand, diam 1½ in, depth 19 ft. Lsd, 1,486.51 ft above msl. Highest water level 8.56, June 6, 1949; lowest water level 12.61, Nov. 8, 1961. Records available: 1947-50, 1959-63. Oct. 15, 12.57.

Polk County

13-1-10db. White. Drilled irrigation water-table well in sand, diam 18 in, depth 182 ft. Highest water level 91.70, Oct. 18, 1949; lowest water level 99.52, Oct. 15, 1963. Records available: 1949, 1956, 1959-63. Oct. 15, 99.52.

13-2-6dd. Erickson Bros. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 203 ft. Lsd, 1,674.15 ft above msl. Highest water level 70.04, Mar. 15, 1950; lowest water level 74.83, Nov. 7, 1961. Records available: 1948-50, 1959-63. Oct. 15, 74.74.

13-2-30dc. Hanson Bros. Drilled unused well, diam 18 in, depth 145 ft. Highest water level 78.53, Mar. 10, 1953; lowest water level 87.87, Oct. 15, 1963. Records available: 1953, 1959-63. Oct. 15, 87.87.

13-3-30aa. Elmer Richter. Drilled irrigation water-table well in sand, diam 18 in, depth 200 ft. Lsd, 1,717.94 ft above msl. Highest water level 75.85, Mar. 15, 1950; lowest water level 82.92, Oct. 15, 1963. Records available: 1948-50, 1959-63. Oct. 15, 82.92.

13-4-27bb. Jerold Ruzicka. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 142 ft. Highest water level 60.77, Mar. 15, 1950; lowest water level 79.64, Oct. 15, 1963. Records available: 1949-50, 1952-55, 1957-63. Oct. 15, 79.64.

13-4-34cc. U.S. Geol. Survey. Driven observation water-table well in clay and sand, diam 1 in, depth 24 ft. Lsd, 1,671.63 ft above msl. Highest water level 5.73, Apr. 27, 1949; lowest water level 14.78, Nov. 7, 1961. Records available: 1937-41, 1944, 1946, 1948-50, 1956, 1958-63. Oct. 15, 14.65.

14-2-12cc. Albert Anderson. Drilled irrigation water-table well in sand, diam 22 in, depth 190 ft. Lsd, 1,657.95 ft above msl. Highest water level 108.65, Apr. 27, 1949; lowest water level 117.02, Oct. 22, 1962. Records available: 1948-50, 1955-56, 1959-63. Oct. 15, 114.51.

Polk County--Continued

*14-2-21db. U.S. Geol. Survey. Drilled observation water-table well in fine sand, diam 5 in, depth 180 ft. Highest water level 77.91, Apr. 15, 1963; lowest water level 103.97, Aug. 15, 1960. Records available: 1959-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 78.90 | Apr. 30 | 78.75 | July 31 | 91.07 | Oct. 31 | 83.20 |
| Feb. 28 | 79.24 | May 25 | 78.35 | Aug. 31 | 88.70 | Nov. 30 | 83.14 |
| Mar. 31 | 78.80 | June 30 | 78.19 | Sept. 30 | 84.04 | Dec. 25 | 82.18 |

14-3-26ad. Albert Swanson. Drilled irrigation water-table well in clay and gravel, diam 18 in, depth 126 ft. Lsd, 1,681.20 ft above msl. Highest water level 66.13, Mar. 15, 1950; lowest water level 74.67, Oct. 15, 1963. Records available: 1948-50, 1959-63. Oct. 15, 74.67.

14-4-19ab. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 1,626.55 ft above msl. Highest water level 2.32, Mar. 7, 1949; lowest water level 7.15, Nov. 7, 1961. Records available: 1946-55, 1957-63. Oct. 15, 6.17.

15-2-4dc. Owner unknown. Drilled irrigation water-table well in fine sand, diam 18 in, depth 51 ft. Lsd, 1,521.13 ft above msl. Highest water level 3.36, Apr. 19, 1949; lowest water level 9.49, Nov. 28, 1956. Records available: 1946-53, 1956, 1958-63. Oct. 15, 7.70.

15-3-20cc. Ray Norris. Dug irrigation water-table well in sand, diam 12 in, depth 21 ft. Lsd, 1,582.83 ft above msl. Highest water level 4.31, Apr. 20, 1949; lowest water level 9.33, Sept. 22, 1953. Records available: 1946-63. Oct. 15, 5.76.

16-1-36cd. Hazel Bugham. Drilled irrigation water-table well in sand, diam 18 in, depth 108 ft. Lsd, 1,493.66 ft above msl. Highest water level 18.40, Oct. 15, 1963; lowest water level 25.75, Nov. 28, 1956. Records available: 1946-53, 1956, 1958-63. Oct. 15, 18.40.

Redwillow County

2-29-4ad. Rex S. Haberman. Drilled unused water-table well in sand, diam 26 in, depth 40 ft. Highest water level 25.00, Feb. 8, 1963; lowest water level 37.10, July 11, 1953. Records available: 1950-63. Feb. 8, g25.00; Apr. 15, g27.6; June 4, g26.4; July 30, g28.5; Oct. 4, g28.0; Dec. 6, g27.6.

*Recording gage.

Redwillow County--Continued

3-27-17cb. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 16 ft. Lsd, 2,366.88 ft above msl. Highest water level 6.1, June 22, 1962; lowest water level 11.56, July 16, 1954. Records available: 1946-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 17 | g8.48 | May 15 | g9.02 | Aug. 15 | g9.28 | Oct. 22 | 9.03 |
| Feb. 14 | g7.72 | June 17 | g9.30 | Sept. 18 | g9.45 | Nov. 6 | g9.12 |
| Mar. 21 | g7.20 | July 18 | g9.34 | Oct. 9 | g9.00 | Dec. 4 | g9.02 |
| Apr. 17 | g8.42 | | | | | | |

3-28-20bb2. Leo D. England. Drilled unused water-table well in sand, diam 14 in, depth 36 ft. Highest water level 5.53, Sept. 9-10, 1951; lowest water level 9.70, Oct. 15, 20, 1956. Records available: 1950-63. Oct. 22, 8.48.

3-29-32db. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1 in, depth 20 ft. Highest water level 4.20, Mar. 31, 1960; lowest water level 9.7, July 30, 1963. Records available: 1940-44, 1946-63. Feb. 8, g8.3; Apr. 15, g8.4; June 4, g8.6; July 30, g9.7; Oct. 4, g8.2; Oct. 22, 7.32; Dec. 6, g9.6.

3-30-29aa. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 12 ft. Lsd, 2,512 ft above msl. Highest water level 1.81, May 5, 1952; lowest water level 6.43, Oct. 10, 1956. Records available: 1946-63. Feb. 6, g3.1; Apr. 8, g2.7; June 3, g3.1; July 29, g5.1; Oct. 1, g4.3; Oct. 22, 4.50; Dec. 2, g4.2.

Richardson County

A2-13-9bb. U.S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 3 in, depth 25 ft. Highest water level 20.10, Dec. 5, 1961; lowest water level dry, Nov. 22, 1955 and Oct. 14, 1963. Records available: 1936-38, 1944, 1946, 1953-55, 1959-63. Oct. 14, f.

Rock County

30-17-8db. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 15 ft. Lsd, 2,235.70 ft above msl. Highest water level 0.50, Mar. 24, 1951; lowest water level 5.12, Nov. 22, 1935. Records available: 1934-63. Nov. 12, 3.93.

Rock County--Continued

30-19-10aa. U.S. Geol. Survey. Driven observation water-table well in sand, diam $1\frac{1}{4}$ in, depth 15 ft. Lsd, 2,304.89 ft above msl. Highest water level +0.91, Feb. 28, 1952; lowest water level 4.23, July 19, 1940. Records available: 1940, 1944-63. Nov. 12, 2.65.

31-17-5aa. U.S. Geol. Survey. Bored observation water-table well in sand, diam 1 in, depth 10.1 ft. Highest water level 1.69, Aug. 7, 1963; lowest water level 2.54, Oct. 22, 1963. Records available: 1963. July 14, 1.70; Aug. 7, 1.69; Sept. 4, 2.29; Oct. 22, 2.54; Nov. 26, 2.20; Dec. 20, 2.07.

31-17-9aa. U.S. Geol. Survey. Bored observation water-table well in sand, diam 1 in, depth 17.50 ft. Highest water level 10.35, July 14, 1963; lowest water level 11.61, Dec. 20, 1963. Records available: 1963. July 14, 10.35; Aug. 7, 11.17; Sept. 4, 11.37; Oct. 22, 11.52; Nov. 26, 11.59; Dec. 20, 11.61.

Saline County

A7-3-30ad. Adolph Kohout. Driven unused water-table well, diam 8 in, depth 67 ft. Highest water level 33.40, Dec. 15, 1960; lowest water level 52.88, Oct. 16, 1940. Records available: 1935-42, 1944, 1946, 1953, 1955-56, 1958-63. Oct. 8, 37.47.

*A8-3-19ad. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 5 in, depth 151 ft. Lsd, 1,496 ft above msl. Highest water level 96.56, Mar. 16, Apr. 15, 16, 1963; lowest water level 99.21, Nov. 5, 1959. Records available: 1959-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 97.05 | Apr. 30 | 97.24 | July 31 | 98.35 | Oct. 31 | 97.98 |
| Feb. 28 | 97.27 | May 31 | 96.80 | Aug. 31 | 98.29 | Nov. 30 | 97.69 |
| Mar. 31 | 97.00 | June 30 | 96.99 | Sept. 30 | 97.98 | Dec. 31 | 97.52 |

Sarpy County

A14-12-26cc. Mrs. S. W. Arbuthnot. Dug and drilled unused water-table well, diam 36 in, depth 48 ft. Highest water level 22.06, Sept. 21, 1959; lowest water level 40.24, Oct. 8, 1941. Records available: 1934-42, 1946, 1953-56, 1958-63. Oct. 10, 27.04.

*Recording gage.

Saunders County

A13-9-11dd. City of Lincoln. Driven observation water-table well in sand and gravel, diam $1\frac{1}{2}$ in, depth 12 ft. Lsd, 1,071.69 ft above msl. Highest water level 1.60, Mar. 17, 1936; lowest water level 9.24, Nov. 18, 1939. Records available: 1934-42, 1944, 1946, 1953-56, 1958-63. Oct. 2, 5.61.

A13-9-24cc. City of Lincoln. Drilled observation water-table well in sand, diam $1\frac{1}{2}$ in, depth 12 ft. Lsd, 1,065.22 ft above msl. Highest water level 0.48, July 31, 1948; lowest water level 8.49, Sept. 25, 1955. Records available: 1933-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 25 | 5.97 | Apr. 25 | 4.69 | Aug. 25 | 5.90 | Nov. 25 | 6.82 |
| Feb. 25 | 5.59 | May 25 | 4.92 | Sept. 25 | 5.73 | Dec. 25 | 6.70 |
| Mar. 25 | 4.41 | July 25 | 4.46 | Oct. 25 | 6.60 | | |

A13-9-24ccd. City of Lincoln. Driven observation water-table well. Highest water level 7.00, Nov. 16, 1960; lowest water level 10.61, Sept. 25, 1956. Records available: 1956, 1959-63. Oct. 2, 10.55.

A13-9-24dc. City of Lincoln. Driven observation water-table well in sand and gravel, diam $1\frac{1}{2}$ in. Lsd, 1,067.19 ft above msl. Highest water level 4.74, Mar. 19, 1940; lowest water level 17.29, Oct. 24, 1955. Records available: 1934-42, 1944, 1946, 1953-56, 1958-63. Oct. 2, 17.21.

*A13-10-30ad. City of Lincoln. Drilled observation water-table well in gravel, diam 8 in, depth 20 ft. Lsd, 1,066.01 ft above msl. Highest water level 3.84, June 25, 1963; lowest water level 14.57, June 23, 1960. Records available: 1950-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 7.25 | Apr. 30 | 8.96 | July 31 | 11.05 | Oct. 31 | 9.64 |
| Feb. 28 | 6.86 | May 31 | 10.08 | Aug. 31 | 9.96 | Nov. 30 | 9.33 |
| Mar. 31 | 8.99 | June 30 | 9.39 | Sept. 30 | 9.60 | Dec. 31 | 8.57 |

A14-5-35cd. U.S. Geol. Survey. Driven observation water-table well, diam $1\frac{1}{2}$ in, depth 26 ft. Highest water level 2.50, Dec. 30, 1946; lowest water level 14.49, Oct. 15, 1940. Records available: 1935-42, 1944, 1946, 1953-63. Oct. 8, 4.90.

*Recording gage.

Saunders County--Continued

A14-8-14cc. Univ. of Nebr. Drilled observation water-table well in sand and gravel, diam 2 in, depth 142 ft. Highest water level 33.35, Oct. 1, 1963; lowest water level 33.45, Oct. 15, 1962. Records available: 1962-63. Oct. 1, 33.35.

A14-8-26cc. Univ. of Nebr. Drilled observation water-table well in sand and gravel, diam 2 in, depth 110 ft. Highest water level 6.77, Oct. 1, 1963; lowest water level 7.00, Oct. 15, 1962. Records available: 1962-63. Oct. 1, 6.77.

A14-8-36dd. Univ. of Nebr. Drilled observation water-table well in sand and gravel, diam 2 in, depth 122 ft. Highest water level 41.28, Oct. 15, 1962; lowest water level 44.86, Oct. 1, 1963. Records available: 1962-63. Oct. 1, 44.86.

A14-9-20dd. Univ. of Nebr. Drilled observation water-table well in sand and gravel, diam 2 in, depth 142 ft. Highest water level 49.81, Oct. 1, 1963; lowest water level 49.93, Oct. 15, 1962. Records available: 1962-63. Oct. 1, 49.81.

A14-9-32dd. Univ. of Nebr. Drilled observation water-table well in sand and gravel, diam 2 in, depth 122 ft. Highest water level 38.29, Oct. 15, 1962; lowest water level 38.30, Oct. 1, 1963. Records available: 1962-63. Oct. 1, 38.30.

A17-5-23bc. U.S. Geol. Survey. Driven observation water-table well, diam 1½ in, depth 12 ft. Highest water level 3.67, May 2, 1951; lowest water level 7.11, Oct. 24, 1955. Records available: 1950-63. Oct. 10, 5.89.

Scotts Bluff County

22-54-32ab. B. J. Pieper. Drilled irrigation water-table well in coarse gravel, diam 24 in, depth 45 ft. Highest water level 7.59, Aug. 28, 1937; lowest water level 10.98, Apr. 5, 1938. Records available: 1937-38, 1945, 1951, 1953-63. Oct. 29, 8.77.

22-55-11ad. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1½ in, depth 86.40 ft. Highest water level 22.27, Oct. 2, 1963; lowest water level 27.10, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 25.12 | Apr. 3 | 26.59 | July 2 | 26.25 | Oct. 2 | 22.27 |
| Feb. 5 | 25.62 | May 6 | 27.10 | Aug. 1 | 25.05 | Nov. 4 | 22.41 |
| Mar. 12 | 26.28 | June 5 | 26.77 | Sept. 6 | 23.13 | Dec. 4 | 22.91 |

Scotts Bluff County

*22-55-11ddc. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 6 in, depth 32 ft. Highest water level 24.88, Sept. 30, Oct. 1, 1963; lowest water level 26.55, May 30, 31, and June 1, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 20 | 25.88 | Apr. 30 | 26.36 | July 31 | 25.90 | Oct. 31 | 25.10 |
| Feb. 28 | 26.05 | May 31 | 26.55 | Aug. 31 | 25.35 | Nov. 30 | 25.25 |
| Mar. 31 | 26.18 | June 30 | 26.35 | Sept. 30 | 24.89 | Dec. 31 | 25.39 |

22-55-13cbc. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 28 ft. Highest water level 5.36, Sept. 24, 1962; lowest water level 6.27, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 5.74 | Apr. 3 | 6.00 | July 2 | 5.62 | Oct. 2 | 5.62 |
| Feb. 5 | 5.75 | May 6 | 6.27 | Aug. 1 | 5.54 | Nov. 4 | 5.80 |
| Mar. 12 | 6.00 | June 5 | 6.02 | Sept. 6 | 5.49 | Dec. 4 | 5.89 |

22-55-13ccb. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 28 ft. Highest water level 5.28, Sept. 24, 1962; lowest water level 6.09, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 5.66 | Apr. 3 | 5.92 | July 2 | 5.56 | Oct. 2 | 5.58 |
| Feb. 5 | 5.67 | May 6 | 6.09 | Aug. 1 | 5.47 | Nov. 4 | 5.76 |
| Mar. 12 | 5.93 | June 5 | 5.93 | Sept. 6 | 5.46 | Dec. 4 | 5.87 |

22-55-13cd1. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 19 ft. Highest water level 5.18, Sept. 6, 1963; lowest water level 6.07, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 5.68 | Apr. 3 | 6.00 | July 2 | 5.39 | Oct. 2 | 5.23 |
| Feb. 5 | 5.93 | May 6 | 6.07 | Aug. 1 | 5.31 | Nov. 4 | 5.36 |
| Mar. 12 | 6.01 | June 5 | 5.65 | Sept. 6 | 5.18 | Dec. 4 | 5.47 |

*Recording gage.

Scotts Bluff County--Continued

22-55-13cd2. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 19 ft. Highest water level 5.23, Aug. 1, and Sept. 6, 1963; lowest water level 5.88, Mar. 12, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 5.67 | Apr. 3 | 5.85 | July 2 | 5.24 | Oct. 2 | 5.27 |
| Feb. 5 | 5.75 | May 6 | 5.80 | Aug. 1 | 5.23 | Nov. 4 | 5.44 |
| Mar. 12 | 5.88 | June 5 | 5.56 | Sept. 6 | 5.23 | Dec. 4 | 5.56 |

22-55-14bcc. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 28 ft. Highest water level 5.86, Sept. 6, 1963; lowest water level 7.85, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 7.19 | Apr. 3 | 7.57 | July 2 | 7.20 | Oct. 2 | 6.23 |
| Feb. 5 | 7.31 | May 6 | 7.85 | Aug. 1 | 6.36 | Nov. 4 | 6.89 |
| Mar. 12 | 7.58 | June 5 | 7.40 | Sept. 6 | 5.86 | Dec. 4 | 7.26 |

22-55-14cal. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 28 ft. Highest water level 5.35, Aug. 30, 1962; lowest water level 6.49, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 6.04 | Apr. 3 | 6.31 | July 2 | 6.00 | Oct. 2 | 5.81 |
| Feb. 5 | 6.06 | May 6 | 6.49 | Aug. 1 | 5.78 | Nov. 4 | 6.05 |
| Mar. 12 | 6.25 | June 5 | 6.26 | Sept. 6 | 5.63 | Dec. 4 | 6.26 |

22-55-14ca2. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 27 ft. Highest water level 8.55, Aug. 30, 1962; lowest water level 9.87, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 9.31 | Apr. 3 | 9.62 | July 2 | 9.41 | Oct. 2 | 8.99 |
| Feb. 5 | 9.38 | May 6 | 9.87 | Aug. 1 | 9.14 | Nov. 4 | 9.23 |
| Mar. 12 | 9.58 | June 5 | 9.64 | Sept. 6 | 8.85 | Dec. 4 | 9.46 |

Scotts Bluff County--Continued

22-55-14ca3. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 37.50 ft. Highest water level 13.40, Sept. 24, 1962; lowest water level 14.75, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 14.04 | Apr. 3 | 14.48 | July 2 | 14.36 | Oct. 2 | 13.59 |
| Feb. 5 | 14.14 | May 6 | 14.75 | Aug. 1 | 14.12 | Nov. 4 | 13.81 |
| Mar. 12 | 14.37 | June 5 | 14.54 | Sept. 6 | 13.58 | Dec. 4 | 14.05 |

22-55-14cbb. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in depth 30 ft. Highest water level 5.96, Oct. 2, 1963; lowest water level 9.37, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 8.76 | Apr. 3 | 9.17 | July 2 | 8.69 | Oct. 2 | 5.96 |
| Feb. 5 | 8.88 | May 6 | 9.37 | Aug. 1 | 6.03 | Nov. 4 | 6.65 |
| Mar. 12 | 9.10 | June 5 | 8.94 | Sept. 6 | 6.56 | Dec. 4 | 7.05 |

22-55-14dbb. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 30 ft. Highest water level 6.49 Sept. 24, 1962; lowest water level 7.63, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 7.04 | Apr. 3 | 7.35 | July 2 | 7.26 | Oct. 2 | 6.80 |
| Feb. 5 | 7.06 | May 6 | 7.63 | Aug. 1 | 7.10 | Nov. 4 | 7.02 |
| Mar. 12 | 7.28 | June 5 | 7.43 | Sept. 6 | 6.75 | Dec. 4 | 7.22 |

22-55-15bcd. U.S. Geol. Survey. Bored observation water-table well in coarse sand and gravel diam 1 in, depth 28 ft. Highest water level 6.49 Sept. 5, 1963; lowest water level 8.96, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|--------|-------------|---------|-------------|
| Jan. 9 | 8.52 | Apr. 3 | 8.79 | July 2 | 8.16 | Sept. 5 | 6.49 |
| Feb. 5 | 8.64 | May 6 | 8.96 | Aug. 1 | 7.42 | Oct. 2 | 7.01 |
| Mar. 12 | 8.76 | June 5 | 8.62 | | | | |

Scotts Bluff County--Continued

22-55-24ad. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1 in, depth 28 ft. Highest water level 6.92, Aug. 30, 1962; lowest water level 10.26, May 6, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 9.30 | Apr. 3 | 9.98 | July 2 | 9.28 | Oct. 2 | 7.89 |
| Feb. 5 | 9.58 | May 6 | 10.26 | Aug. 1 | 7.90 | Nov. 4 | 9.01 |
| Mar. 12 | 9.94 | June 5 | 9.55 | Sept. 6 | 7.58 | Dec. 4 | 9.81 |

22-55-24bc. U.S. Geol. Survey. Bored observation water-table well in sand and gravel, diam 1½ in, depth 23.70 ft. Highest water level 13.00, Nov. 6, 1962; lowest water level 15.08, Aug. 1, 1963. Records available: 1962-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|--------|-------------|---------|-------------|--------|-------------|
| Jan. 9 | 13.15 | Apr. 3 | 13.44 | July 2 | 14.23 | Oct. 2 | 14.06 |
| Feb. 5 | 13.14 | May 6 | 14.08 | Aug. 1 | 15.08 | Nov. 4 | 14.35 |
| Mar. 12 | 13.36 | June 5 | 13.62 | Sept. 6 | 14.13 | Dec. 4 | 14.70 |

22-56-4dd. U.S. Geo. Survey. Drilled observation water-table well, diam 1 in, depth 20 ft. Highest water level 2.01, Sept. 20, 1953; lowest water level 8.45, Apr. 7, 1937. Records available: 1936-37, 1939-42, 1944-45, 1953-63. Oct. 30, 3.66.

23-56-6aa. Carl Gompert. Drilled irrigation water-table well in alluvium, diam 18 in, depth 118 ft. Lsd, 4,087.7 ft above msl. Highest water level 29.24, Oct. 26, 1949; lowest water level 41.04, Oct. 6, 1961. Records available: 1948-63. Oct. 30, 37.60.

23-56-28ad. U.S. Geol. Survey. Drilled observation water-table well in gravel, diam 1 in, depth 18 ft. Highest water level 8.69, Nov. 8, 1940; lowest water level 9.95, Oct. 6, 1961. Records available: 1936-42, 1944-45, 1951, 1953-63. Oct. 30, 8.89.

23-57-5bb. Andrew Oleson. Drilled unused water-table well in siltstone, diam 4 in, depth 142 ft. Lsd, 4,111.5 ft above msl. Highest water level 18.76, Nov. 9, 1955; lowest water level 25.73, May 1, 1950. Records available: 1948-58, 1960-63. Oct. 30, 20.99.

Seward County

A9-2-22cb. Dr. H. E. Harvey. Drilled irrigation water-table well in sand and gravel, diam 18 in. Highest water level 10.46, Apr. 13, 1953; lowest water level 14.13, Oct. 7, 1963. Records available: 1953, 1960-63. Oct. 7, 14.13.

A9-3-19aa. Ada L. Ackerman. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 111 ft. Highest water level 64.98, Apr. 26, 1956; lowest water level 66.51, Nov. 16, 1960. Records available: 1956, 1960-63. Oct. 8, 65.91.

A10-1-4ba. Harlan Liggett. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 134 ft. Highest water level 82.05, Apr. 6, 1953; lowest water level 86.26, Oct. 7, 1963. Records available: 1953, 1960-63. Oct. 7, 86.26.

A10-2-18bd. Katie Belle Olston. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 103 ft. Highest water level 73.02, Apr. 10, 1953; lowest water level 77.91, Oct. 7, 1963. Records available: 1953, 1960-63. Oct. 7, 77.91.

A11-1-7ab. John Peters. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 170 ft. Highest water level 95.49, Oct. 17, 1962; lowest water level 96.40, Oct. 7, 1963. Records available: 1953, 1960-63. Oct. 7, 96.40.

*A11-2-21dd. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 5 in, depth 123 ft. Highest water level 76.95, Mar. 16, 1963; lowest water level 82.70, Aug. 23, 1959 and Aug. 14, 1963. Records available: 1958-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 77.95 | Apr. 30 | 78.08 | July 31 | 82.02 | Oct. 31 | 78.80 |
| Feb. 28 | 77.97 | May 31 | 77.57 | Aug. 31 | 80.17 | Nov. 30 | 78.79 |
| Mar. 31 | 77.89 | June 30 | 77.91 | Sept. 30 | 79.00 | Dec. 31 | 78.80 |

A11-2-23cc. August Rolfmeier. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 127 ft. Highest water level 76.98, Apr. 23, 1952; lowest water level 82.81, Sept. 15, 1958. Records available: 1948-63. Oct. 7, 82.46.

*Recording gage.

Sheridan County

24-41-34da. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 13 ft. Highest water level 5.52, June 8, 1935; lowest water level 9.37, Oct. 21, 1941. Records available: 1934-42, 1944-63. Oct. 30, 7.01.

24-42-27ba2. U.S. Geol. Survey. Jetted observation water-table well in fine sand, diam 3/4 in, depth 17 ft. Highest water level 8.43, Oct. 30, 1963; lowest water level 8.98, Oct. 12, 1960. Records available: 1958-63. Oct. 30, 8.43.

24-43-15ac. U.S. Geol. Survey. Jetted observation water-table well in fine sand, diam 3/4 in, depth 17 ft. Highest water level 8.15, Sept. 4, 1958; lowest water level 9.42, Oct. 12, 1960. Records available: 1958-63. Oct. 30, 8.77.

24-44-14dc. U.S. Geol. Survey. Jetted observation water-table well in fine sand, diam 3/4 in, depth 10 ft. Highest water level 3.41, Oct. 9, 1961; lowest water level 5.59, Oct. 12, 1960. Records available: 1958-63. Oct. 30, 3.50.

24-44-18bb. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 12 ft. Highest water level 3.80, May 11, 1949; lowest water level 6.08, Oct. 17, 1955. Records available: 1946-63. Oct. 30, 5.86.

24-45-8cd. U.S. Geol. Survey. Jetted observation water-table well in fine sand, diam 3/4 in, depth 22 ft. Highest water level 3.43, Oct. 9, 1961; lowest water level 4.69, Oct. 12, 1960. Records available: 1958-63. Oct. 30, 3.97.

24-46-10cb. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 12 ft. Highest water level 2.26, Apr. 4, 1946; lowest water level 7.35, Aug. 15, 1946. Records available: 1946-63. Oct. 30, 6.95.

25-45-32ad. J. Herrian. Drilled unused water-table well in sand, diam 4 in, depth 106 ft. Highest water level 31.50, July 15-16, 1949; lowest water level 34.10, Sept. 20, 1954. Records available: 1946-63. Oct. 30, 33.63.

29-45-7cc. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1½ in, depth 93 ft. Lsd, 3,785.67 ft above msl. Highest water level 54.58, Nov. 30, 1960; lowest water level 59.28, Aug. 25, 1961. Records available: 1960-63.

Sheridan County--Continued

29-45-7cc--continued.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 56.08 | Mar. 26 | 56.40 | June 27 | 58.40 | Sept. 27 | 56.27 |
| 30 | 56.26 | May 7 | 56.59 | July 29 | 57.66 | Oct. 23 | 55.70 |
| Feb. 27 | 56.36 | 27 | 58.55 | Aug. 23 | 57.95 | Dec. 4 | 55.65 |

29-45-8dd. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam $1\frac{1}{2}$ in, depth 75 ft. Lsd, 3,743.14 ft above msl. Highest water level 36.56, Sept. 27, 1963; lowest water level 42.98, July 25, 1961. Records available: 1960-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 39.24 | Mar. 26 | 39.53 | June 27 | 40.31 | Sept. 27 | 36.56 |
| 30 | 39.43 | May 7 | 39.66 | July 29 | 39.37 | Oct. 23 | 36.86 |
| Feb. 27 | 39.37 | 27 | 40.81 | Aug. 23 | 38.49 | Dec. 4 | 37.44 |

29-45-16aa. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam $1\frac{1}{2}$ in, depth 71 ft. Lsd, 3,732.85 ft above msl. Highest water level 40.12, June 12, 1960; lowest water level 49.48, July 25, 1962. Records available: 1960-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 47.41 | Mar. 26 | 47.62 | June 27 | 48.01 | Sept. 27 | 46.40 |
| 30 | 47.52 | May 7 | 47.68 | July 29 | 47.15 | Oct. 23 | 46.31 |
| Feb. 27 | 47.53 | 27 | 48.25 | Aug. 23 | 46.10 | Dec. 4 | 46.68 |

29-45-18aa. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam $1\frac{1}{2}$ in, depth 75 ft. Lsd, 3,750.71 ft above msl. Highest water level 33.15, May 7, 1963; lowest water level 37.32, Oct. 10, 1961. Records available: 1960-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 33.42 | Mar. 26 | 33.27 | June 27 | 33.76 | Sept. 27 | 35.52 |
| 30 | 33.36 | May 7 | 33.15 | July 29 | 51.83 | Oct. 23 | 34.11 |
| Feb. 27 | 33.32 | 27 | 34.75 | Aug. 23 | 52.33 | Dec. 4 | 33.33 |

Sheridan County--Continued

29-46-3ba. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1½ in, depth 75 ft. Lsd, 3,817.76 ft above msl. Highest water level 45.95, Sept. 27, 1963; lowest water level 48.60, June 21, 1960. Records available: 1960-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 47.14 | Mar. 26 | 47.35 | June 27 | 47.64 | Sept. 27 | 45.95 |
| 29 | 47.19 | Apr. 29 | 47.68 | July 29 | 46.91 | Oct. 23 | 45.98 |
| Feb. 27 | 47.19 | May 27 | 47.65 | Aug. 23 | 46.26 | Dec. 4 | 46.40 |

29-46-8dd. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1½ in, depth 93 ft. Lsd, 3,824.94 ft above msl. Highest water level 53.00, Aug. 23, 1963; lowest water level 55.46, June 27, 1962. Records available: 1960-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Jan. 7 | 53.77 | Mar. 26 | 54.29 | May 27 | 54.76 | July 29 | 53.40 |
| 30 | 53.90 | Apr. 29 | 54.55 | June 27 | 54.61 | Aug. 23 | 53.00 |
| Feb. 27 | 54.09 | | | | | | |

29-46-9bb. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1½ in, depth 75 ft. Lsd, 3,834.96 ft above msl. Highest water level 51.24, Sept. 27, 1960; lowest water level dry, Aug. 25, 1961 and Aug. 22, 1962. Records available: 1960-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 53.15 | Mar. 26 | 53.00 | June 27 | 53.62 | Sept. 27 | 53.79 |
| 30 | 53.03 | Apr. 29 | 53.49 | July 29 | 57.25 | Oct. 23 | 53.00 |
| Feb. 27 | 52.82 | May 27 | 54.29 | Aug. 23 | 57.28 | Dec. 4 | 52.88 |

*29-46-10aa. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 6 in, depth 100 ft. Lsd, 3,794.5 ft above msl. Highest water level 34.61, Oct. 18-19, 23, and Nov. 2, 4, 15, 1963; lowest water level 38.95, May 29, 1954. Records available: 1953-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 35.38 | Apr. 30 | 35.69 | July 31 | 35.32 | Oct. 31 | 34.73 |
| Feb. 28 | 35.50 | May 31 | 35.70 | Aug. 31 | 35.10 | Nov. 30 | 34.76 |
| Mar. 31 | 35.52 | June 30 | 35.66 | Sept. 30 | 34.73 | Dec. 31 | 34.81 |

*Recording gage.

Sheridan County--Continued

29-46-11cc. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam $1\frac{1}{4}$ in, depth 75 ft. Lsd, 3,784.62 ft above msl. Highest water level 32.24, Oct. 23, 1963; lowest water level 40.00, June 27, 1961. Records available: 1960-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 33.02 | Mar. 26 | 33.49 | June 27 | 33.61 | Sept. 27 | 32.53 |
| 30 | 33.22 | May 7 | 33.59 | July 29 | 32.63 | Oct. 23 | 32.24 |
| Feb. 25 | 33.28 | 27 | 33.80 | Aug. 23 | 33.78 | Dec. 4 | 32.47 |

29-46-13bb. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam $1\frac{1}{4}$ in, depth 75 ft. Lsd, 3,775.57 ft above msl. Highest water level 35.33, Dec. 4, 1963; lowest water level 40.19, Aug. 25, 1961. Records available: 1960-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 35.63 | Mar. 26 | 35.87 | June 27 | 37.11 | Sept. 27 | 36.22 |
| 30 | 35.80 | May 7 | 35.77 | July 29 | 38.12 | Oct. 23 | 35.54 |
| Feb. 27 | 35.83 | 27 | 37.14 | Aug. 23 | 39.16 | Dec. 4 | 35.33 |

29-46-16aa. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam $1\frac{1}{4}$ in, depth 93 ft. Lsd, 3,813.37 ft above msl. Highest water level 48.08, July 29, 1963; lowest water level 51.44, July 25, 1962. Records available: 1960-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 49.72 | Mar. 26 | 50.04 | June 27 | 49.62 | Sept. 27 | 48.50 |
| 30 | 49.91 | Apr. 29 | 50.43 | July 29 | 48.08 | Oct. 23 | 48.68 |
| Feb. 27 | 49.88 | May 27 | 50.49 | Aug. 23 | 48.10 | Dec. 4 | 49.15 |

30-45-14cc. U.S. Geol. Survey. Drilled observation water-table well, diam $1\frac{1}{4}$ in, depth 79 ft. Lsd, 3,749.3 ft above msl. Highest water level 38.51, July 26, 1961; lowest water level 41.46, Jan. 25, 1962. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 40.74 | Mar. 26 | 40.78 | June 27 | 40.81 | Sept. 27 | 40.82 |
| 30 | 40.74 | May 7 | 40.80 | July 29 | 40.82 | Oct. 23 | 40.83 |
| Feb. 27 | 40.76 | 27 | 40.80 | Aug. 23 | 40.82 | Dec. 4 | 40.85 |

Sheridan County--Continued

30-45-15cc. U.S. Geol. Survey. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 111 ft. Lsd, 3,762.3 ft above msl. Highest water level 43.91, Sept. 27, 1963; lowest water level 45.02, Dec. 20, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 44.04 | Mar. 26 | 44.06 | June 27 | 43.98 | Sept. 27 | 43.91 |
| 30 | 43.95 | May 7 | 44.01 | July 29 | 43.96 | Oct. 23 | 44.33 |
| Feb. 27 | 44.02 | 27 | 44.00 | Aug. 23 | 44.20 | Dec. 4 | 44.39 |

30-45-18dd. U.S. Geol. Survey. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 61.85 ft. Lsd, 3,756.5 ft above msl. Highest water level 17.67, July 25, 1962; lowest water level 19.89, Aug. 23, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 18.10 | Mar. 26 | 17.81 | June 27 | 17.73 | Sept. 27 | 19.32 |
| 30 | 18.13 | May 7 | 17.87 | July 29 | 18.77 | Oct. 23 | 18.90 |
| Feb. 27 | 17.99 | 27 | 17.95 | Aug. 23 | 19.89 | Dec. 4 | 18.65 |

30-45-21bb. U.S. Geol. Survey. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 112 ft. Lsd, 3,773.8 ft above msl. Highest water level 46.72, May 7 and June 27, 1963; lowest water level 50.50, Aug. 23, 1963. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 47.06 | Mar. 26 | 46.75 | June 27 | 46.72 | Sept. 27 | 50.11 |
| 30 | 47.00 | May 7 | 46.72 | July 29 | 53.26 | Oct. 23 | 48.54 |
| Feb. 27 | 46.92 | 27 | 46.76 | Aug. 23 | 50.50 | Dec. 4 | 48.10 |

30-45-30aa. U.S. Geol. Survey. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 38 ft. Lsd, 3,764.96 ft above msl. Highest water level 22.60, Aug. 22, 1962; lowest water level 24.53, Jan. 25, 1962. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 23.41 | Mar. 26 | 23.48 | June 27 | 23.23 | Sept. 27 | 23.00 |
| 30 | 23.48 | May 7 | 23.56 | July 29 | 22.94 | Oct. 23 | 22.94 |
| Feb. 27 | 23.37 | 27 | 23.69 | Aug. 23 | 22.97 | Dec. 4 | 23.30 |

Sheridan County--Continued

30-46-23da. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam $1\frac{1}{2}$ in, depth 152 ft. Lsd, 3,856.1 ft above msl. Highest water level 90.87, Oct. 23, 1963; lowest water level 92.51, June 21, 1960. Records available: 1960-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 91.30 | Mar. 26 | 91.31 | June 27 | 91.31 | Sept. 27 | 91.05 |
| 29 | 91.30 | May 7 | 91.20 | July 29 | 91.22 | Oct. 23 | 90.87 |
| Feb. 27 | 90.99 | 27 | 91.48 | Aug. 23 | 91.20 | Dec. 4 | 90.98 |

30-46-36bb. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam $1\frac{1}{2}$ in, depth 75 ft. Lsd, 3,781.4 ft above msl. Highest water level 19.65, Oct. 23, 1963; lowest water level 23.29, June 21, 1960. Records available: 1960-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 7 | 21.14 | Mar. 26 | 21.62 | June 27 | 22.06 | Sept. 27 | 19.67 |
| 29 | 21.44 | Apr. 29 | 22.10 | July 29 | 21.37 | Oct. 23 | 19.65 |
| Feb. 27 | 21.29 | May 27 | 22.09 | Aug. 23 | 20.60 | Dec. 4 | 20.13 |

31-44-10dd. U.S. Geol. Survey. Driven observation water-table well in sand and gravel, diam $1\frac{1}{2}$ in, depth 12 ft. Highest water level 0.24, June 25, 1952; lowest water level 5.24, Sept. 12, 1936. Records available: 1935-42, 1944-47, 1951-56, 1958, 1961-63. Oct. 31, 2.68.

31-46-8ad. U.S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 15 ft. Highest water level 2.09, Jan. 29, 1952; lowest water level 6.20, Nov. 1, 1940. Records available: 1936-42, 1944-47, 1951-63. May 21, 2.38; Oct. 31, 3.29.

33-42-36da. School District. Drilled stock water-table well in sandstone, diam 4 in, depth 51 ft. Highest water level 34.51, Oct. 7, 1947; lowest water level 36.67, Oct. 11, 1961. Records available: 1940-41, 1945, 1947, 1951, 1958, 1960-63. May 20, 36.03; Oct. 31, 36.15.

Sherman County

13-13-4dc. Thomas. Drilled stock water-table well in sand, diam 4 in, depth 190 ft. Lsd, 2,083.92 ft above msl. Highest water level 120.00, Nov. 21, 1960; lowest water level 123.86, Oct. 30, 1958. Records available: 1949-55, 1957-63. Nov. 14, 120.97.

Sherman County--Continued

13-13-15cb. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 21 ft. Lsd, 1,965.09 ft above msl. Highest water level 11.28, Mar. 26, 1957; lowest water level 17.72, Nov. 14, 1963. Records available: 1950-51, 1953, 1957-63. Nov. 14, 17.72.

14-14-8ac. Claude Zimmerman. Drilled irrigation water-table well in sand, diam 18 in, depth 155 ft. Lsd, 2,032.77 ft above msl. Highest water level 5.79, Aug. 16, 1950; lowest water level 9.71, Oct. 31, 1958. Records available: 1948-55, 1957-63. Nov. 14, 8.97.

14-14-23cb. Lee Heil. Drilled irrigation water-table well in gravel, diam 18 in, depth 85 ft. Lsd, 2,009.41 ft above msl. Highest water level 10.88, June 26, 1949; lowest water level 12.74, Feb. 16, 1955. Records available: 1949-51, 1955, 1957-63. Nov. 14, 11.77.

14-16-23bb. Henry Franssen. Drilled irrigation water-table well in sand, diam 18 in, depth 123 ft. Lsd, 2,159.36 ft above msl. Highest water level 38.82, Nov. 8, 1962; lowest water level 43.04, Mar. 22, 1957. Records available: 1950-63. Nov. 14, 40.15.

15-13-1cc. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1 1/4 in, depth 92 ft. Lsd, 2,075.49 ft above msl. Highest water level 71.69, Mar. 21, 1963; lowest water level 73.80, Nov. 2, 1961. Records available: 1961-63. Feb. 1, g71.74; Mar. 21, g71.69; May 7, g72.14; July 2, g71.84; Sept. 5, g72.65; Nov. 1, g72.50; Dec. 10, g72.36.

15-14-19ab. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 21 ft. Lsd, 2,060.58 ft above msl. Highest water level 10.30, Aug. 16, 1950; lowest water level 15.69, Mar. 18, 1960. Records available: 1949-53, 1959-63. Jan. 30, g13.84; Mar. 20, g14.10; May 6, g14.37; July 1, g14.39; Sept. 3, g13.29; Oct. 31, g14.23; Dec. 10, g14.52.

15-15-2ab. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 10 ft. Lsd, 2,078.51 ft above msl. Highest water level 1.34, Oct. 3, 1950; lowest water level 4.99, May 6, 1963. Records available: 1950-51, 1959-63. Jan. 30, g3.11; May 6, g4.99; June 28, g4.92; Sept. 3, g4.50; Oct. 31, g4.18; Dec. 9, g3.79.

15-15-13bb. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 10 ft. Lsd, 2,063.88 ft above msl. Highest water level 0.84, Mar. 30, 1962; lowest water level 4.99, Aug. 19, 1959. Records available: 1950-51, 1953, 1959-63. Mar. 21, g2.51; May 6, g3.64; June 28, g4.64; Sept. 3, g4.96; Oct. 31, g4.41; Dec. 10, g4.27.

Sherman County--Continued

16-15-6da. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 21 ft. Lsd, 2,127.62 ft above msl. Highest water level 4.34, July 5, 1951; lowest water level 7.60, Aug. 10, 1960. Records available: 1950-51, 1959-63. Jan. 29, g6.34; Mar. 18, g5.65; May 6, g6.70; June 28, g7.02; Sept. 3, g5.96; Oct. 31, g6.51; Dec. 9, g6.62.

16-15-8dd. U.S. Geol. Survey. Driven observation water-table well in sand, diam 3/4 in, depth 21 ft. Lsd, 2,114.81 ft above msl. Highest water level 1.80, Mar. 29, 1962; lowest water level 7.29, Oct. 31, 1963. Records available: 1949-51, 1953, 1959-63. Jan. 30, g5.96; Mar. 18, g4.67; May 6, g5.59; June 28, g6.31; Sept. 3, g6.90; Oct. 31, g7.29; Dec. 9, g4.10.

16-15-16cd. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 14 ft. Lsd, 2,108.48 ft above msl. Highest water level 3.02, May 18, 1960; lowest water level 6.24, Nov. 30, 1949. Records available: 1949-51, 1953, 1959-63. May 6, g4.48; June 28, g5.09; Sept. 3, g5.89; Oct. 31, g5.24; Dec. 9, g5.21.

16-15-21aa. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 18 ft. Lsd, 2,106.60 ft above msl. Highest water level 3.20, May 18, 1960; lowest water level 5.71, Aug. 4, 1953. Records available: 1949-53, 1959-63. Mar. 18, g4.05; May 6, g4.52; June 28, g5.30; Sept. 3, g5.12; Oct. 31, g4.72; Dec. 9, g4.78.

16-15-27ba. U.S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 18 ft. Lsd, 2,095.34 ft above msl. Highest water level 1.50, Mar. 30, 1962; lowest water level 5.27, Aug. 19, 1959. Records available: 1950-51, 1959-63. May 6, g3.80; June 28, g4.92; Sept. 3, g4.58; Oct. 31, g4.58; Dec. 9, g4.32.

16-15-28bb. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 3/4 in, depth 35 ft. Lsd, 2,126.38 ft above msl. Highest water level 18.57, July 5, 1951; lowest water level 21.52, July 13, 1953. Records available: 1949-55, 1957-63. Nov. 14, 21.20.

Sioux County

24-57-35cb. Roy W. Netherlend. Drilled irrigation water-table well in alluvium, diam 24 in, depth 87 ft. Lsd, 4,089.7 ft above msl. Highest water level 4.84, Aug. 31, 1949; lowest water level 13.48, Oct. 6, 1961. Records available: 1948-53, 1958, 1960-63. Oct. 30, 10.27.

Sioux County--Continued

31-57-18bc. U.S. Geol. Survey. Drilled observation water-table well in sandstone, diam 1½ in, depth 110 ft. Highest water level 33.68, June 22, 1962; lowest water level 37.50, Sept. 21, 1961. Records available: 1961-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 3 | 36.31 | Mar. 25 | 35.59 | June 20 | 35.79 | Aug. 29 | 36.58 |
| 28 | 36.33 | Apr. 25 | 35.39 | July 25 | 36.30 | Sept. 26 | 36.40 |
| Feb. 19 | 35.63 | May 29 | 35.80 | | | | |

Stanton County

A22-2-8dd. Carroll. Drilled irrigation water-table well, diam 16 in, depth 72 ft. Highest water level 38.15, Apr. 6, 1950; lowest water level 44.33, Oct. 27, 1958. Records available: 1950, 1956-63. Oct. 17, 43.77.

A23-3-6cc. Roy Chase. Drilled irrigation water-table well in sand, diam 16 in, depth 62 ft. Highest water level 15.51, Nov. 7, 1951; lowest water level 22.35, Sept. 24, 1959 and Oct. 17, 1963. Records available: 1951-55, 1957, 1959-63. Oct. 17, 22.35.

A23-3-7bc. E. Spence. Drilled irrigation water-table well in sand, diam 16 in, depth 48 ft. Highest water level 9.62, Nov. 7, 1951; lowest water level 17.17, Nov. 13, 1956. Records available: 1950-63. Oct. 17, 16.07.

A23-3-11bb. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1 in, depth 13 ft. Highest water level 2.08, Dec. 5, 1960; lowest water level 6.51, Oct. 27, 1936. Records available: 1936-40, 1942, 1946, 1948, 1950-63. Oct. 17, 4.91.

A23-3-19bc. Shultz. Drilled irrigation water-table well in sand, diam 16 in, depth 50 ft. Highest water level 25.98, May 28, 1951; lowest water level 31.02, Dec. 12, 1957. Records available: 1951-57, 1959-63. Oct. 17, 30.87.

A24-3-34bd. Roy Chase. Drilled irrigation water-table well in sand, diam 16 in, depth 50 ft. Highest water level 8.68, Aug. 29, 1951; lowest water level 21.16, Mar. 13, 1957. Records available: 1951-55, 1957, 1959-63. Oct. 17, 19.13.

Thayer County

3-2-31ad. H. G. Eggert. Drilled unused water-table well in sand, diam 6 in, depth 107 ft. Highest water level 101.59, Dec. 14, 1953; lowest water level dry, Oct. 16, 1962 and Oct. 9, 1963. Records available: 1934-41, 1944, 1946, 1953, 1955-56, 1958-63. Oct. 9, f.

*4-1-9bac. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 95 ft. Highest water level 87.83, Sept. 28, 1953; lowest water level 90.01, June 25, 1953. Records available: 1953-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 88.97 | Apr. 29 | h89.05 | July 20 | h89.19 | Oct. 30 | h89.40 |
| Feb. 28 | 89.06 | May 27 | h88.97 | Aug. 27 | h89.15 | Nov. 25 | h89.52 |
| Mar. 31 | 88.91 | June 24 | h88.97 | Sept. 13 | h89.20 | Dec. 25 | h89.20 |

Thomas County

23-28-9da. U.S. Geol. Survey. Driven observation water-table well in sand and alluvium, diam 1½ in, depth 15 ft. Highest water level 8.91, Oct. 13, 1960; lowest water level 10.98, July 23, 1940. Records available: 1934-40, 1942, 1944-50, 1953-63. Oct. 31, 9.05.

24-30-20ab. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1 in, depth 13 ft. Highest water level 1.57, Sept. 4, 1951; lowest water level 3.12, Apr. 26, 1946. Records available: 1934-42, 1944-63. Oct. 31, 2.72.

Thurston County

A25-6-26dc. S. M. French. Driven stock water-table well in sand, diam 1½ in, depth 23 ft. Highest water level 10.55, July 12, 1940; lowest water level 15.74, Sept. 25, 1963. Records available: 1934-36, 1940-42, 1947, 1954-63. Sept. 25, 15.74.

A26-8-13bc. D. L. Leap. Dug stock water-table well, diam 36 in, depth 15 ft. Highest water level 7.86, Dec. 8, 1960; lowest water level 13.49, Oct. 13, 1938. Records available: 1934-40, 1942, 1946-47, 1955-63. Sept. 25, 8.08.

*Recording gage.

Valley County

17-13-5ad. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 81 ft. Lsd, 2,012.33 ft above msl. Highest water level 15.12, May 17, 1960; lowest water level 24.10, July 22, 1963. Records available: 1958-63. Mar. 28, 17.37; July 22, 24.10; Oct. 15, 19.29; Dec. 22, 19.22.

17-13-5bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 125 ft. Lsd, 2,034.40 ft above msl. Highest water level 25.19, July 1, 1960; lowest water level 30.16, Sept. 15, 1959. Records available: 1958-63. Mar. 28, 26.60; July 22, 28.74; Oct. 15, 29.76; Dec. 22, 29.27.

17-13-8da. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 94 ft. Lsd, 2,035.71 ft above msl. Highest water level 37.42, Mar. 28, 1963; lowest water level 40.48, Sept. 15, 1959. Records available: 1958-63. Mar. 28, 37.42; July 22, 38.55; Oct. 15, 39.40; Dec. 22, 39.04.

17-16-3cc. U.S. Geol. Survey. Jetted observation water-table well in sand, diam $\frac{3}{4}$ in, depth 37 ft. Lsd, 2,210.04 ft above msl. Highest water level 24.97, July 5, 1950; lowest water level 27.69, Mar. 16, 1960. Records available: 1950-51, 1953, 1959-63. Jan. 29, g26.34; Mar. 18, g26.39; May 6, g25.45; June 28, g25.56; Sept. 3, g25.64; Oct. 31, g25.95; Dec. 9, g25.94.

17-16-9bd. U.S. Geol. Survey. Driven observation water-table well in sand, diam $\frac{3}{4}$ in, depth 14 ft. Lsd, 2,191.39 ft above msl. Highest water level 6.18, Sept. 15, 1960; lowest water level 12.18, May 14, 1962. Records available: 1949-51, 1953, 1959-63. Jan. 29, g11.04; Mar. 18, g11.48; May 6, g11.85; June 28, g8.17; Sept. 3, g6.39; Oct. 31, g8.84; Dec. 9, g10.18.

17-16-10dd. U.S. Geol. Survey. Jetted observation water-table well in sand, diam $\frac{3}{4}$ in, depth 30 ft. Lsd, 2,192.31 ft above msl. Highest water level 8.78, Aug. 10, 1960; lowest water level 14.56, May 22, 1951. Records available: 1950-53, 1959-63. Jan. 29, g12.51; Mar. 18, g12.77; May 6, g14.18; June 28, g11.16; Sept. 3, g9.74; Oct. 31, g11.32; Dec. 9, g12.00.

17-16-25cb. U.S. Geol. Survey. Driven observation water-table well in sand, diam $\frac{3}{4}$ in, depth 11 ft. Lsd, 2,145.10 ft above msl. Highest water level +0.03, Mar. 29, 1962; lowest water level 3.19, Sept. 27, 1949. Records available: 1949-51, 1959-63. Jan. 29, g1.08; Mar. 18, g0.71; May 6, g1.68; June 28, g2.89; Sept. 3, g2.46; Oct. 31, g1.93; Dec. 9, g1.73.

Valley County--Continued

17-16-26dc. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 12 in, depth 11 ft. Lsd, 2,152.39 ft above msl. Highest water level 2.70, Apr. 1, 1949; lowest water level 6.83, Dec. 26, 1946. Records available: 1943-58, 1960-63. Nov. 14, 5.25.

18-13-23dc. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 55 ft. Lsd, 1,968.13 ft above msl. Highest water level 2.33, Aug. 21, 1958; lowest water level 6.91, June 10, 1959. Records available: 1958-63. Mar. 28, 6.70; July 22, 3.93; Oct. 15, 3.97; Dec. 22, 5.14.

18-13-33da. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 81 ft. Lsd, 2,002.35 ft above msl. Highest water level 24.00, July 1, 1960; lowest water level 27.02, Sept. 15, Oct. 29, 1959. Records available: 1958-63. Mar. 28, 25.11; July 22, 26.44; Oct. 15, 26.84; Dec. 22, 26.46.

18-14-16dc. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 81 ft. Lsd, 2,092.85 ft above msl. Highest water level 28.33, Oct. 17, 1958; lowest water level 30.03, Dec. 22, 1963. Records available: 1958-63. Mar. 28, 28.38; July 22, 28.86; Oct. 15, 29.69; Dec. 22, 30.03.

18-14-20da. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth unknown. Lsd, 2,082.18 ft above msl. Highest water level 8.38, June 26, 1962; lowest water level 14.21, Sept. 15, 1959. Records available: 1958-63. Mar. 28, 9.67; July 22, 12.00; Oct. 15, 12.83; Dec. 22, 12.33.

18-14-22ab. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 99 ft. Lsd, 2,073.93 ft above msl. Highest water level 21.04, May 17, 1960; lowest water level 26.47, July 22, 1963. Records available: 1958-63. Mar. 28, 22.64; July 22, 26.47; Oct. 15, 26.40; Dec. 22, 25.70.

18-14-22cc. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 71 ft. Lsd, 2,081.97 ft above msl. Highest water level 21.45, July 1, 1960; lowest water level 27.43, Oct. 15, 1963. Records available: 1958-63. Mar. 28, 22.58; July 22, 26.11; Oct. 15, 27.43; Dec. 22, 26.43.

18-14-24ca. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 71 ft. Lsd, 2,045.29 ft above msl. Highest water level 16.97, June 26, 1962; lowest water level 21.49, Sept. 15, 1959. Records available: 1958-63. Mar. 28, 17.55; July 22, 18.74; Oct. 15, 19.12; Dec. 22, 19.40.

Valley County--Continued

18-14-26bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 90 ft. Lsd, 2,054.33 ft above msl. Highest water level 3.42, June 26, 1962; lowest water level 12.57, Sept. 15, 1959. Records available: 1958-63. Mar. 28, 6.16; Oct. 15, 9.52; Dec. 22, 9.90.

18-14-34aa. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 81 ft. Lsd, 2,086.42 ft above msl. Highest water level 31.90, June 24, 1958; lowest water level 38.32, Sept. 15, 1959. Records available: 1958-63. Mar. 28, 34.09; July 22, 35.52; Oct. 15, 37.60; Dec. 22, 37.11.

18-15-8ba. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 111 ft. Lsd, 2,228.41 ft above msl. Highest water level 64.06, Mar. 28, 1963; lowest water level 66.75, Sept. 15, 1959. Records available: 1958-63. Mar. 28, 64.06; July 22, 64.29; Oct. 15, 64.59; Dec. 22, 64.50.

18-15-10cd. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 99 ft. Lsd, 2,203.17 ft above msl. Highest water level 50.66, June 24, 1958; lowest water level 56.51, Apr. 12, 1960. Records available: 1958-63. Mar. 28, 54.72; July 22, 54.68; Oct. 15, 54.86; Dec. 22, 54.83.

18-15-11bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 111 ft. Lsd, 2,150.06 ft above msl. Highest water level 27.88, June 24, 1958; lowest water level 32.49, Oct. 15, 1963. Records available: 1958-63. Mar. 28, 28.09; July 22, 30.55; Oct. 15, 32.49; Dec. 22, 31.00.

18-16-30cc. U.S. Geol. Survey. Drilled observation water-table well in sand, diam $\frac{3}{4}$ in, depth 14 ft. Lsd, 2,217.61 ft above msl. Highest water level 1.12, July 23, 1962; lowest water level 5.64, June 20, 1956. Records available: 1949-56, 1958-63. Mar. 18, g3.42; May 6, g3.69; June 28, g3.74; Sept. 3, g3.42; Oct. 31, g3.60; Nov. 14, 3.70; Dec. 9, 4.02.

19-13-35cc. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 81 ft. Lsd, 1,986.74 ft above msl. Highest water level 6.91, July 1, 1960; lowest water level 11.93, June 13, 1961. Records available: 1958-63. Mar. 28, 11.45; July 22, 10.76; Oct. 15, 11.54; Dec. 22, 11.90.

19-13-35dd. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 281 ft. Lsd, 1,979.92 ft above msl. Highest water level 11.40, Oct. 20, 1958 and Sept. 6, 1960; lowest water level 14.39, July 26, 1961. Records available: 1958-63. July 22, 14.02; Oct. 15, 11.79.

Valley County--Continued

19-14-5cc. Ed Zikmund. Drilled unused water-table well in gravel, diam 24 in. Highest water level 19.96, Oct. 6, 1961; lowest water level 23.07, Apr. 9, 1957. Records available: 1950-51, 1956-63. Nov. 14, 20.96.

19-14-13da. Wm. Sack. Drilled irrigation water-table well in sand, diam 18 in, depth 134 ft. Highest water level 18.41, Sept. 4, 1957; lowest water level 23.93, Apr. 26, 1951. Records available: 1948-53, 1956-63. Nov. 14, 20.78.

19-14-15da. Victor Kerchal. Drilled irrigation water-table well in sand, diam 18 in, depth 96 ft. Highest water level 4.43, June 30, 1948; lowest water level 7.46, Nov. 22, 1960. Records available: 1948-51, 1956-63. Nov. 14, 6.48.

19-14-36bb. Edward Penas. Drilled irrigation water-table well in gravel, sandstone, sand, and clay, diam 18 in, depth 155 ft. Highest water level 28.51, June 30, 1949; lowest water level 34.22, Aug. 21, 1956. Records available: 1948-51, 1956, 1958-63. Nov. 14, 30.47.

19-15-18dc. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 120 ft. Lsd, 2,207.58 ft above msl. Highest water level 49.71, Mar. 28, 1963; lowest water level 52.20, Sept. 15, 1959. Records available: 1958-63. Mar. 28, 49.71; July 22, 50.77; Oct. 15, 50.87; Dec. 22, 50.72.

19-15-21bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 121 ft. Lsd, 2,177.29 ft above msl. Highest water level 39.63, Mar. 28, 1963; lowest water level 43.78, Aug. 7, 1959. Records available: 1958-63. Mar. 28, 39.63; July 22, 41.45; Oct. 15, 41.10; Dec. 22, 40.80.

19-15-29dd. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 135 ft. Lsd, 2,210.41 ft above msl. Highest water level 62.50, Mar. 28, 1963; lowest water level 66.04, Aug. 15, 1961. Records available: 1958-63. Mar. 28, 62.50; July 22, 64.71; Oct. 15, 63.86; Dec. 22, 63.30.

19-16-24ad. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 101 ft. Lsd, 2,213.01 ft above msl. Highest water level 43.13, Oct. 10, 1962; lowest water level 47.19, Aug. 15, 1961. Records available: 1958-63. Mar. 28, 43.43; July 22, 45.67; Oct. 15, 45.10; Dec. 22, 44.89.

19-16-24bb. U.S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 121 ft. Lsd, 2,225.08 ft above msl. Highest water level 38.62, July 1, 1960; lowest water level 45.49, Feb. 16, 1960. Records available: 1958-63. Mar. 28, 41.58; July 22, 42.45; Oct. 15, 43.16; Dec. 22, 43.45.

Valley County--Continued

20-15-35aa. Stanley Golka Estate. Drilled irrigation water-table well in gravel, diam 18 in, depth 134 ft. Highest water level 56.94, Sept. 28, 1950; lowest water level 63.30, Aug. 9, 1956. Records available: 1950-53, 1956-63. Nov. 14, 62.00.

Washington County

A18-11-3aa. Ed A. Jensen. Dug water-table well in alluvium, diam 40 in, depth 36 ft. Highest water level 10.78, Oct. 18, 1962; lowest water level 30.91, Oct. 18, 1940. Records available: 1934-42, 1944, 1946-47, 1955-63. Oct. 3, 12.98.

Wayne County

A27-1-36dd. E. D. Jenkins. Bored stock water-table well in alluvium, diam 26 in, depth 30 ft. Highest water level 7.25, May 16, 1952; lowest water level 14.90, Nov. 14, 1956. Records available: 1950-63. Oct. 18, 14.15.

Webster County

1-9-9cc. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 13 ft. Highest water level 3.17, June 20, 1949; lowest water level 9.22, Mar. 14, 1957. Records available: 1947-63. Apr. 1, g6.6; May 21, g5.6; July 26, g5.2; Sept. 19, g4.9; Oct. 21, 6.02; Nov. 7, g6.0.

*1-11-11ab. U.S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam 8 in, depth 17 ft. Lsd, 1,684.9 ft above msl. Highest water level 1.34, July 11-12, 1951; lowest water level 10.56, Apr. 5, 1957. Records available: 1946-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 7.71 | Apr. 30 | 7.61 | July 31 | 8.40 | Oct. 31 | 8.24 |
| Feb. 28 | 7.63 | May 31 | 8.12 | Aug. 31 | 8.74 | Nov. 30 | 8.31 |
| Mar. 31 | 7.03 | June 30 | 8.37 | Sept. 30 | 8.21 | Dec. 31 | 8.32 |

*Recording gage.

Webster County--Continued

1-12-2bb. U.S. Geol. Survey. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 12 ft. Lsd, 1,723.57 ft above msl. Highest water level 0.94, June 21, 1949; lowest water level 8.45, Dec. 14, 1956. Records available: 1946-56, 1959-63. Jan. 7, g6.8; Mar. 26, g6.3; May 14, g6.5; July 11, g6.7; Sept. 12, g6.6; Sept. 17, g6.5; Oct. 21, 6.41.

2-10-36db. Henry J. Somerhalder. Dug irrigation water-table well in sand and gravel, diam 40 in, depth 35 ft. Highest water level 25.65, June 22, 1935; lowest water level 29.8, Nov. 6, 1961. Records available: 1934-40, 1942, 1946-63. Jan. 7, g29.4; Mar. 26, g29.2; May 14, g29.2; July 11, g28.2; Sept. 17, g29.7; Oct. 21, 27.11; Nov. 13, g29.4.

Wheeler County

21-10-32aa. U.S. Bureau of Reclamation. Drilled observation water-table well, diam $1\frac{1}{2}$ in, depth 89.0 ft. Lsd, 2,046.70 ft above msl. Records available: 1963. Nov. 27, 28.62; Dec. 21, 28.75.

21-11-25aa. U.S. Bureau of Reclamation. Driven observation water-table well, diam $1\frac{1}{2}$ in, depth 8 ft. Lsd, 2,010.49 ft above msl. Records available: 1963. Nov. 27, 4.33; Dec. 21, 3.90.

21-12-22ad. U.S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1 in, depth 17 ft. Highest water level 2.95, June 14, 1961; lowest water level 7.49, Nov. 15, 1962. Records available: 1935-41, 1958-63. Mar. 28, 3.94; Aug. 6, 4.97; Sept. 3, 4.97; Oct. 15, 4.64.

23-11-12bb. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 1 in, depth 16 ft. Highest water level 0.91, June 4, 1954; lowest water level 5.90, Oct. 29, 1956. Records available: 1935-42, 1954-63. Nov. 12, 3.66.

York County

9-1-8cb. Elmer Kruse. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 92 ft. Highest water level 21.36, June 10, 1959; lowest water level 24.39, Aug. 17, 1959. Records available: 1959-63. Oct. 7, 23.59.

York County--Continued

*9-4-6dd. Gustav Thieszen. Drilled observation water-table well in sand and gravel, diam 18 in, depth 171 ft. Highest water level 79.44, June 20, 1959; lowest water level 82.58, Aug. 11, 1963. Records available: 1959-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 81.00 | Apr. 30 | 80.85 | July 31 | 82.15 | Oct. 31 | 82.04 |
| Feb. 28 | 81.07 | May 31 | 80.67 | Aug. 31 | 82.35 | Nov. 30 | 81.82 |
| Mar. 31 | 80.81 | June 30 | 80.77 | Sept. 30 | 82.09 | Dec. 31 | 81.62 |

11-1-35bb. Wilbur Schlechte. Drilled irrigation water-table well in sand, diam 18 in, depth 283 ft. Highest water level 102.51, Sept. 15, 1958; lowest water level 106.14, Oct. 7, 1963. Records available: 1948-63. Oct. 7, 106.14.

*11-2-31ba1. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 8 in, depth 102 ft. Highest water level 84.22, May 25, 1958; lowest water level 89.80, Aug. 21-22, 1963. Records available: 1957-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 86.08 | Apr. 25 | 85.87 | July 31 | 88.84 | Oct. 31 | 88.29 |
| Feb. 28 | 86.01 | May 31 | 85.91 | Aug. 31 | 89.72 | Nov. 30 | 88.01 |
| Mar. 31 | 85.90 | June 30 | 86.86 | Sept. 30 | 88.74 | Dec. 31 | 87.76 |

11-2-31ba2. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 3/4 in, depth 206 ft. Highest water level 82.84, June 16, 1958 and Apr. 5, 1961; lowest water level 120.57, July 29, 1963. Records available: 1958-63.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|--------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Jan. 8 | 84.24 | Mar. 26 | 84.00 | June 28 | 90.20 | Aug. 28 | 92.91 |
| 30 | 84.16 | May 8 | 85.61 | July 29 | 120.57 | Oct. 7 | 86.79 |

11-3-32dd. Wesley C. Moore. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 113 ft. Highest water level 61.70, Feb. 23, 1955; lowest water level 67.94, Oct. 7, 1963. Records available: 1953-63. Oct. 7, 67.94.

11-3-36ab. Mother Jewels Home. Drilled irrigation water-table well in sand, diam 12 in, depth 175 ft. Highest water level 65.82, Sept. 11, 1952; lowest water level 72.56, Oct. 7, 1963. Records available: 1948-61, 1963. Oct. 7, 72.56.

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11-4-25bc. Bryce Tracy. Drilled irrigation water-table well in sand, diam 18 in, depth 114 ft. Lsd, 1,709.05 ft above msl. Highest water level 63.08, Dec. 28, 1951; lowest water level 72.97, Oct. 7, 1963. Records available: 1948-63. Oct. 7, 72.97.

11-4-31ba. Herman Fenster. Drilled irrigation water-table well in sand, diam 22 in, depth 140 ft. Lsd, 1,740.05 ft above msl. Highest water level 70.85, Apr. 23, 1952; lowest water level 81.02, Oct. 7, 1963. Records available: 1948-63. Oct. 7, 81.02.

11-4-33bb. Dale Leuthje. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 139 ft. Lsd, 1,730.06 ft above msl. Highest water level 68.02, Mar. 15, 1950; lowest water level 77.28, Oct. 7, 1963. Records available: 1948-50, 1953-63. Oct. 7, 77.28.

12-1-32ab. Don Gruber. Drilled irrigation water-table well, diam 18 in, depth 250 ft. Highest water level 87.40, July 5, 1960; lowest water level 91.36, Aug. 17, 1959. Records available: 1959-63. Oct. 7, 90.60.

12-4-10cb. Fred Bedient. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 206 ft. Highest water level 73.16, May 13, 1953; lowest water level 83.96, Oct. 15, 1963. Records available: 1953, 1959-63. Oct. 15, 83.96.